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# LLOYD'S REGISTER OF SHIPPING

## CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,**

**DURING THE QUARTER ENDED 31st MARCH, 1977**

**(as reported up to 31st October, 1977)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.

Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

*NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 31st March, 1977".*

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November, 1977

TABLE 1—SHIPS TOTALLY LOST, BROKEN

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1976		Foundered		Missing		Burnt		
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
COMMON- WEALTH	UNITED KINGDOM	3,549	32,923,308	1	692	...	...	...	...
	BERMUDA	69	1,562,483	...	...	...	...	...	...
	CYPRUS	765	3,114,263	1	335	...	...	1	1,000
	GHANA	84	183,089	...	...	...	...	...	...
	INDIA	526	5,093,984	...	...	...	...	...	...
ARGENTINA	379	1,469,754	...	...	...	...	...	...	
BELGIUM	258	1,499,431	...	...	...	...	...	...	
BRAZIL	520	3,096,293	...	...	...	...	...	...	
BULGARIA	176	933,361	...	...	...	...	...	...	
CHILE	142	409,756	...	...	...	...	...	...	
CHINA, PEOPLE'S REPUBLIC OF	551	3,588,726	...	...	...	...	...	...	
TAIWAN, PROVINCE OF	438	1,483,981	...	...	...	...	...	...	
EGYPT	157	376,066	...	...	...	...	1	2,000	
GERMAN DEMOCRATIC REPUBLIC	446	1,437,054	...	...	...	...	...	...	
GERMANY, FEDERAL REPUBLIC OF	1,957	9,264,671	1	468	...	...	...	...	
GREECE	2,921	25,034,585	2	995	...	...	2	14,000	
HONDURAS	57	71,042	1	521	...	...	...	...	
INDONESIA	882	1,046,198	1	2,199	...	...	...	...	
ITALY	1,719	11,077,549	...	...	...	...	...	...	
JAPAN	9,748	41,663,188	1	491	...	...	...	...	
KOREA (SOUTH)	936	1,796,106	...	...	...	...	...	...	
LIBERIA	2,600	73,477,326	2	32,788	...	...	1	45,000	
NETHERLANDS	1,325	5,919,892	...	...	...	...	...	...	
NORWAY	2,759	27,943,834	1	197	...	...	1	3,000	
PANAMA	2,680	15,631,180	7	19,846	...	...	3	28,000	
PHILIPPINES	457	1,018,065	1	756	...	...	...	...	
PORTUGAL	431	1,173,710	...	...	...	...	1	4,000	
ROMANIA	161	994,184	...	...	...	...	...	...	
SOMALI REPUBLIC	255	1,792,900	...	...	...	...	...	...	
SOUTH AFRICA	275	477,011	1	446	...	...	1	...	
SPAIN	2,792	6,027,763	1	3,312	...	...	...	...	
TURKEY	405	1,079,347	...	...	...	...	...	...	
U.S.S.R.	7,945	20,667,892	...	...	...	...	...	...	
UNITED STATES OF AMERICA	4,616	14,908,445	3	1,899	...	...	1	...	
VENEZUELA	165	543,446	1	682	...	...	...	...	
<b>WORLD TOTAL</b>	<b>65,887</b>	<b>371,999,926</b>	<b>25</b>	<b>65,627</b>	...	...	<b>12</b>	<b>96,000</b>	

The percentage proportion of the world fleet totally lost during the March Quarter, 1977, was 0.08% of ships and 0.06% of tonnage.

MARCH 1977

... DURING THE FIRST QUARTER 1977

Collision	Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag	
	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.		
...	...	2	446	...	...	3	1,138	17	166,328	} COMMON-WEALTH
...	...	...	...	...	...	...	...	1	50,166	
...	...	1	6,594	...	...	3	7,948	3	22,009	
...	...	...	...	...	...	...	...	1	618	
...	...	...	...	...	...	...	...	2	7,150	
...	...	...	...	...	...	...	...	1	11,433	
...	...	...	...	...	...	...	...	2	251	
...	...	...	...	...	...	...	...	1	614	
...	...	...	...	...	...	...	...	1	7,669	
...	...	...	...	...	...	...	...	1	18,154	
...	...	...	...	...	...	...	...	...	...	ARGENTINA
...	...	...	...	...	...	...	...	...	...	BELGIUM
...	...	...	...	...	...	...	...	...	...	BRAZIL
...	...	...	...	...	...	...	...	...	...	BULGARIA
...	...	...	...	...	...	...	...	...	...	CHILE
...	...	...	...	...	...	...	...	1	13,291	CHINA, PEOPLE'S REPUBLIC OF
...	...	...	...	...	...	...	...	...	...	TAIWAN, PROVINCE OF
...	...	...	...	...	1	2,030	...	...	...	EGYPT
...	...	...	...	...	...	...	...	1	2,960	GERMAN DEMOCRATIC REPUBLIC
...	...	...	...	...	1	468	...	1	275	GERMANY, FEDERAL REPUBLIC OF
1	4,228	...	...	...	5	19,687	8	175,178	...	GREECE
...	...	...	...	...	1	521	...	...	...	HONDURAS
...	...	...	...	...	1	2,199	1	6,760	...	INDONESIA
...	...	...	...	...	...	...	...	1	11,596	ITALY
3	701	1	133	...	5	1,325	26	69,566	...	JAPAN
2	1,470	...	...	...	2	1,470	...	...	...	KOREA (SOUTH)
1	9,060	1	11,242	...	5	98,336	17	347,199	...	LIBERIA
...	...	...	...	...	...	...	...	4	38,424	NETHERLANDS
...	...	1	493	...	3	1,040	...	...	...	NORWAY
...	...	2	3,479	...	12	51,515	12	181,005	...	PANAMA
...	...	1	1,210	...	2	1,966	...	...	...	PHILIPPINES
...	...	...	...	...	1	4,455	...	...	...	PORTUGAL
1	1,283	...	...	...	1	1,283	...	...	...	ROMANIA
...	...	...	...	...	...	...	1	7,464	...	SOMALI REPUBLIC
38	...	1	598	...	3	1,382	...	...	...	SOUTH AFRICA
...	...	...	...	...	1	3,312	4	10,946	...	SPAIN
...	...	...	...	...	...	...	2	5,097	...	TURKEY
1	5,626	...	...	...	1	5,626	6	27,271	...	U.S.S.R.
538	...	...	...	...	4	2,537	...	...	...	UNITED STATES OF AMERICA
...	...	...	...	...	1	682	1	3,951	...	VENEZUELA
730	22,368	10	24,195	...	56	208,920	116	1,185,375	...	WORLD TOTAL

... proportion of the world fleet broken up etc., not consequent upon casualty was 0.18% of ships and 0.32% of tonnage.

## STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

## EXPLANATIONS OF CONTRACTIONS

## FLAG

ALB = Albania	EGY = Egypt	IVC = Ivory Coast	PTG = Portugal
ALG = Algeria	ELS = El Salvador	JAM = Jamaica	QAT = Qatar
ARG = Argentina	ETH = Ethiopia	JOR = Jordan	RUM = Romania
AST = Australia	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AUS = Austria	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
BAH = Bahamas	FIN = Finland	KMP = Kampuchea	SPN = Sierra Leone
BBD = Barbados	FRA = France	KRS = Korea (South)	SNG = Singapore
BDI = Burundi	GAB = Gabon	KUW = Kuwait	SOL = British Solomon Islands
BER = Bermuda	GAM = Gambia	LYB = Libya	SOM = Somali Republic
BLG = Belgium	GBI = United Kingdom	LEB = Lebanon	SPN = Spain
BLZ = Belize	GDR = German Democratic Republic	LIB = Liberia	SRI = Sri Lanka
BMA = Burma	GFR = Germany, Federal Republic of	MAL = Malaysia	STV = St. Vincent
BNG = Bangladesh	GHA = Ghana	MAU = Mauritania	SUD = Sudan
BRN = Bahrain	GIB = Gibraltar	MDV = Maldives Islands	SWD = Sweden
BRZ = Brazil	GRC = Greece	MEX = Mexico	SWZ = Switzerland
BUL = Bulgaria	GRE = Grenada	MGY = Malagasy Republic	SYR = Syria
BVI = British Virgin Islands	GUA = Guatemala	MON = Monaco	TAN = Tanzania
CAN = Canada	GUI = Guinea	MOR = Morocco	THA = Thailand
CAY = Cayman Islands	GUY = Guyana	MTA = Malta	TON = Tonga
CHL = Chile	HAI = Haiti	NHB = New Hebrides	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HKG = Hong Kong	NIC = Nicaragua	TRK = Turkey
CHT = Province of Taiwan	HON = Honduras	NIG = Nigeria	TUN = Tunisia
CMN = Cameroon	HUN = Hungary	NOR = Norway	UAE = United Arab Emirates
COL = Colombia	ICL = Iceland	NTH = Netherlands	URG = Uruguay
CON = Congo	IDA = Indonesia	NZL = New Zealand	USA = United States of America
COS = Costa Rica	IND = India	PAK = Pakistan	USR = U.S.S.R.
CUB = Cuba	IRN = Iran	PAN = Panama	VEN = Venezuela
CYP = Cyprus	IRP = Irish Republic	PAR = Paraguay	VNM = Vietnam
CZE = Czechoslovakia	IRQ = Iraq	PER = Peru	YAR = Yemen Arab Republic
DEN = Denmark	ISR = Israel	PHI = Philippines	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	ITL = Italy	PNG = Papua New Guinea	YUG = Yugoslavia
ECU = Ecuador		POL = Poland	ZAI = Zaire

## DESCRIPTION

c = Composite  
f = Ferro-concrete  
gt = Gas Turbine

irn = Iron  
m. = Motorship  
rp = Reinforced plastic

s. = Steamship  
(T) = Oil Tanker  
w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

## Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AGIOS NICOLAOS ... 1936	496	GRC	m. cargo	Limassol— Hodeidah	General	Off Haifa after cargo shifted in heavy weather.	5th Feb.
ANGEL ... .. 1976	3312	SPN	m. cargo	Piombino— Gdynia	Rails & general	70 miles off Minorca in lat. 40 20N., long. 06 40E., after cargo shifted in heavy weather.	12th Jan.
ANNEMARIE PALM 2 1955	468	GFR	m. cargo	Tees—Leer	Fertilizer	E. of Flamborough Head in lat. 54 25N., long. 01 57E., in heavy weather.	15th Jan.
BANTRY BAY ... .. 1961	357	PAN	m. cargo	Chittagong— Dubai	Jute	Off Colombo in lat. 06 38N., long. 78 40E.	31st Jan.
CHESTER A. POLING 1934	1546	USA	m. tanker	New York— New Hampshire	Ballast	Broke in two off Cape Ann in heavy weather; forepart sank in lat. 42 35 00N., long. 70 37 18W; aftpart sank in lat. 42 34 18N., long. 70 40 06W.	10th Jan.

Continued

MARCH 1977

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
COLIN FRYE ... .. 1948	446	SAF	s. whaler	... ..	...	Off Maputo in lat. 27 20 42S., long. 32 53 00E., whilst in tow.	7th Jan.
CROWN PEARL ... 1974	5450	PAN	m. cargo	Tacoma— Yokohama	Logs	750 miles N.W. of Honolulu whilst in tow after taking water in heavy weather.	23rd Jan.
DONA PAZ ... .. 1942	756	PHI	m. passenger & cargo	Cagayan de Oro— Ozamiz	Passengers & general	3 miles off Laguindingan in heavy weather.	5th Mar.
EUGENIO TAVARES 1951	521	HON	m. cargo	Praia—Vale dos Cavaleiros	General	Sprang leak and sank at Vale dos Cavaleiros, Fogo Island; subsequently raised and beached 2 miles off port.	6th Feb.
GABRIELA B ... .. 1958	682	VEN	m. cargo	San Juan, Puerto Rico—Venezuela	Waste paper	Off Puerto Rico in lat. 15 09N., long. 69 15W., in heavy weather.	28th Feb.
INTERNOS ... .. 1951	1702	PAN	m. cargo	London— Palermo	Scrap	3 miles N. of Gijon.	14th Feb.
IRENES CHALLENGE 1956	21069	LIB	s. tanker	Punta Cardon— Yokkaichi	Crude oil	Broke in two and sank 200 miles S.E. of Midway Islands in lat. 26 53N., long. 173 52W.	18th Jan.
KALATHOS ... .. 1947	335	CYP	m. cargo	Alexandria— Dubai	Construction plant & tools	120 miles S.E. of Port Sudan.	16th Mar.
KLINGI ... .. 1947	2199	IDA	m. cargo	Tanjung Priok— Belawan	Passengers & general	Capsized and sank in Jakarta Bay in lat. 06 01 10S., long. 106 61 40E., in heavy weather.	7th Mar.
KOSEI MARU No. 12... 1970	491	JPN	m. cargo	Hiroshima— Toyohashi	Luan	Off Shionomisaki after cargo shifted.	26th Jan.
LIZA F. ... .. 1944	596	PAN	m. landing craft	Fort Lauderdale— Brownsville	Ballast	In the Gulf of Mexico in lat. 25 38N., long. 92 39W., whilst in tow in heavy weather.	11th Jan.
MONARCH SERVICE 1972	692	GBI	m. tug	... ..	...	Capsized and sank in lat. 58 11 50N., long. 00 06 31E.	17th Feb.
NERLAND SENIOR ... 1958	197	NOR	m. fishing	... ..	...	Capsized and sank at Batsfjord Harbour	18th Feb.
PANA ... .. 1959	499	GRC	m. cargo	Porto Nogaro— Beirut	General	Off Sibenik in lat. 43 24N., long. 15 55E., in heavy weather.	9th Mar.
PROMOTER ... .. 1957	1588	PAN	m. cargo	... ..	...	12 miles off Taichung.	5th Feb.
ROSE S. ... .. 1967	11719	LIB	m. bulk carrier	Vancouver— Osaka	Scrap & logs	In lat. 31 03N., long. 162 40E., in heavy weather.	13th Feb.
SEA QUEEN 1 ... .. 1958	6369	PAN	m. cargo	Durban—Lagos	General	Sprang leak and sank 20 miles off Luderitz in lat. 27 19S., long. 15 16E.	20th Mar.
T. I. SAWYER ... .. 1971	173	USA	m. tug	... ..	...	In the Gulf of Mexico in lat. 28 20N., long. 89 00W.	10th Jan.
UKOLA ... .. 1955	3784	PAN	m. cargo	Macoris— Galveston	Sugar	Broke in two and sank in the Gulf of Mexico in lat. 25 12N., long. 85 25W., in heavy weather.	19th Jan.
VIKING ROVER ... 1973	180	USA	m. trawler	... ..	...	In lat. 54 02N., long. 165 31W., after steering failure in heavy weather.	2nd Mar.

## Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BLUE MERIDIAN ... 1944	638	USA	w.m. fishing	... ..	...	Caught fire in engine room and sank off Costa Rica in lat. 09 21N., long. 86 01W.	7th Feb.
BRAGA ... .. 1948	4455	PTG	m. cargo	Sao Tome— Lobito	General	Caught fire off Angola and towed to Pointe Noire; subsequently scuttled.	14th Jan.
CALABRES ... .. 1958	329	PAN	m. cargo	... ..	...	Caught fire in engine room and sank 170 miles N. of San Juan, Puerto Rico.	25th Feb.
CHRISTINA ... .. 1959	10867	GRC	m. ore carrier	Glasgow— El Ferrol	Ballast	Damaged by fire and explosion 4 miles W. of Priorino and anchored at Ares Bay; subsequently towed to El Ferrol and thence to Bilbao, sold and broken up.	14th Feb.
CLAUDE CONWAY ... 1957	26650	PAN	s. tanker	New York— Freeport	Ballast	Broke in two after explosion 150 miles S.E. of Cape Fear in approximately lat. 32 45N., long. 75 25W.; forepart sunk by gunfire on 24th March; aftpart towed to New Jersey and broken up.	20th Mar.
DISKO ... .. 1937	350	NOR	m. fishing	... ..	...	Caught fire in engine room and subsequently stranded and sank off Nordkyn.	25th Feb.
EL GIZA ... .. 1963	2030	EGY	m. cargo	Alexandria—Italy	Cotton & peanuts	Caught fire in engine room 5 miles off Alexandria and towed to Abuqir Bay and subsequently beached in lat. 31 11 03N., long. 29 49 27E.	2nd Jan.
HARVEST NEPTUNE 1964	338	SAF	m. trawler	... ..	...	Caught fire N.W. of Cape Town and towed to Saldanha Bay; subsequently scuttled 4 miles N.W. of North Head.	21st Jan.
HAWAIIAN PATRIOT 1965	45246	LIB	m. tanker	Seria— Barbers Point	Crude oil	Broke in two and sank after fire and explosion in approximately lat. 22 01N., long. 165 29W., having previously sustained extensive hull damage 300 miles W. of Hawaii on 23rd February in heavy weather.	24th Feb.
LUCONA ... .. 1966	1211	PAN	m. cargo	Chioggia— Hong Kong	Machinery components	Sank after explosion off the Laccadive Islands in lat. 08 50N., long. 70 30E.	23rd Jan.
MARIA B ... .. 1955	3597	GRC	m. cargo	Las Palmas— Port Harcourt	Asphalt	Caught fire in engine room off Liberia and subsequently sank in approximately lat. 06 48N., long. 11 32W.	20th Mar.
VASSO M. ... .. 1951	1019	CYP	m. cargo	Alexandria— Jeddah	Medical cotton & rice	Caught fire off Damietta and subsequently presumed to have sunk in heavy weather.	2nd Feb.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
DONG YANG No. 52 ... 1959	909	KRS	m. cargo	Pohang— Onahama	Zinc ore	Sank after collision with PROTKLITOS off Katsuura, Wakayama, in lat. 33 30N., long. 136 00E., in heavy weather.	30th Mar.
DONG YANG No. 55 ... 1974	561	KRS	m. cargo	Samchok—Busan	Cement	Sank after collision with MARINE STAR 8 miles S. of Ulsan.	13th Feb.
EASTERN ROSE ... 1975	9060	LIB	m. bulk carrier	Vancouver—Kobe	Wheat	Sank after collision with PETRA 8 miles off Shionomisaki in lat. 33 24N., long. 135 39E., in heavy weather.	4th Mar.

Continued

MARCH 1977

## Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
FUJIASU MARU No. 1 1966	361	JPN	m. chemical tanker	Kainan—Oita	Asphalt	Sank after collision with UNITED ENTERPRISE in Kii Channel in lat. 34 09N., long. 134 59E.	24th Mar.
HOEI MARU ... 1965	113	JPN	m. cargo	Kure—Osaka	Steel	Sank after collision with ASAHI MARU No. 2 off Kurashiki in lat. 34 25N., long. 133 25E.	5th Jan.
IVAN SECHENOV ... 1956	5626	USR	s. cargo	Istanbul—Mediterranean	General	Sank after collision with NICOLAS MARIS off Marmara Island in lat. 40 43N., long. 27 38E., in fog.	12th Jan.
KALLIGRAMMOS ... 1970	4228	GRC	m. cargo	Workington—Lagos	Railway sleepers & fittings	Damaged by collision with KATINA (7) off Lagos; subsequently sank in lat. 06 23 18N., long. 03 24 48E., on 26th March.	25th Mar.
NISSHO MARU ... 1973	227	JPN	m. cargo	...	...	Sank after collision with YAWATA MARU No. 11 at North Port, Busan.	22nd Jan.
TURNU SEVERIN ... 1965	1283	RUM	m. cargo	Mediterranean—Constantza	Fire bricks	Sank after collision with ADMIRAL ZMAJEVIC 6 miles off Kilitbahir, lower Dardanelles, in fog.	11th Jan.

## Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
DON RENE ... 1959	1210	PHI	m. cargo	Manila—Hong Kong	Cement	Stranded at Pratas Reef, 130 miles S.S.E. of Hong Kong in heavy weather; subsequently refloated, towed to Hong Kong, sold and broken up.	11th Jan.
GOLD ROVER ... 1958	2025	PAN	m. cargo	Japan—Province of Taiwan	Ballast	At Iriomote Island in lat. 24 23 42N., long. 123 53 12E., after breaking tow in heavy weather.	5th Jan.
GRAND BETELGEUSE 1963	11242	LIB	m. bulk carrier	Port Elizabeth—Japan	Manganese ore	Stranded off Port Louis in lat. 20 08 40S., long. 57 28 17E., after breaking moorings in heavy weather; subsequently refloated, towed to Kaohsiung and broken up.	5th Feb.
KILSYTH ... 1954	166	GBI	m. trawler	...	...	At Whitley Bay whilst in tow in heavy weather; subsequently broken up.	13th Jan.
KOSMAS ... 1954	6594	CYP	s. cargo	Bordeaux—Rotterdam	Ballast	Stranded in the River Gironde in heavy weather; subsequently refloated, towed to Pauillac and thence to Bordeaux and Bilbao, sold and broken up.	13th Jan.
KUNISACHI MARU ... 1965	133	JPN	m. cargo	...	...	Stranded and sank off Kitadaitojima, Okinawa.	20th Jan.
OFOTFJORD ... 1941	493	NOR	m. cargo	Fredrikstad—Bergen	Oats	Stranded and sank off Torungen.	15th Mar.
SCOTTISH PRINCESS 1959	280	GBI	m. trawler	...	...	At Trangisvaag, Faroe Islands.	19th Feb.
SUIDERKUS ... 1965	598	SAF	m. fishing	...	...	Off Mowe Point in lat. 19 21 18S., long. 12 42 24E., in fog.	16th Jan.
SYLVIA VII ... 1963	1454	PAN	m. cargo	Antwerp—Casablanca	Fertilizer	2 miles off Mehedia; subsequently broke in two.	16th Jan.

MARCH 1977

## REINSTATE

SATSU MARU No. 58, 2996 tons gross motor cargo ship, built 1973, JPN flag. Reported burnt on page 81 of the Annual Casualty Return 1974. Since reported repaired and replaced in commission as HOF SJOKULL.

## CORRECTION

NICOLAOS K, 498 tons gross motor cargo ship, built 1940, GRC flag. Reported foundered on page 21 of the June 1976 Quarterly Casualty Return. Details should read NIKOLAOS K, 488 tons gross motor cargo ship, built 1936, GRC flag.

## ADDITIONAL INFORMATION

ANDRE MONIQUE, 151 tons gross motor trawler, built 1937, BLG flag. Reported damaged by fire in lat. 56 45N., long. 06 12E., on 15th June 1976 and towed to Ostend; subsequently broken up in Brugge.

AVIN, 2010 tons gross steam cargo ship, built 1918, PER flag. Reported stranded N. of Callao in 1961; subsequently broken up.

BENTEN MARU No. 35, 124 tons gross motor trawler, built 1970, JPN flag. Reported wrecked in lat. 45 31N., long. 141 57E., on 5th December 1975.

COBAR, 157 tons gross wooden steam ferry, built 1903, NZL flag. Reported burnt and sank off Chatham Islands on 6th March 1958.

DAO, 3397 tons gross motor cargo ship, built 1960, PHI flag. Reported damaged by stranding at San Fernando, La Union, on 10th October 1974; subsequently refloated, towed to Manila and converted for use as a non-propelled barge.

DONG WON No. 68, 401 tons gross motor fishing vessel, built 1967, KRS flag. Reported damaged by fire off South Korea in 1974; subsequently broken up.

DRAGON, 105 tons gross motor tug, built 1965, USA flag. Reported wrecked off Molokai, Hawaii on 18th September 1976.

EVANTHIA K, 1231 tons gross motor cargo ship, built 1953, PAN flag. Reported damaged by collision with HAR SINAI off the E. coast of Crete on 8th March 1976 and subsequently stranded off Grandes Island on 9th March.

JARL, 106 tons gross wooden motor fishing vessel, built 1936, USA flag. Reported foundered in Bristol Bay on 16th September 1973.

JOHN AND OLAF, 161 tons gross motor fishing vessel, built 1968, USA flag. Reported wrecked at Kodiak Island in 1973.

JOSEPH & LUCIA, 134 tons gross wooden motor cargo ship, built 1944, USA flag. Reported foundered 60 miles E. of Gloucester on 23rd March 1970.

JUAN DE URBIETA, 754 tons gross motor trawler, built 1965, SPN flag. Reported capsized and sank at Pointe Noire on 2nd December 1975; subsequently raised and beached; to be broken up.

L'OASIS, 122 tons gross wooden motor trawler, built 1958, FRA flag. Reported wrecked at Etel on 16th February 1976.

LAPPE, 165 tons gross motor tanker, built 1956, SIE flag. Reported foundered in lat. 08 29 18N., long. 13 12 06W., in June 1976.

LITA, 112 tons gross wooden motor cargo ship, built 1920, last recorded flag AUS. Reported wrecked off Juist on 26th August 1976.

MASTER CARL, 131 tons gross motor fishing vessel, built 1968, USA flag. Reported foundered 6 miles S.E. of Cape Suckling on 26th April 1976.

NELSECO 11, 237 tons gross wooden motor ferry, built 1917, USA flag. Reported wrecked off Plymouth, Massachusetts on 4th November 1972.

NESODTANGEN, 229 tons gross motor ferry, built 1929, NOR flag. Reported foundered at Stavanger in January 1975; subsequently raised and scuttled.

NORCEANO, 220 tons gross motor trawler, built 1975, PTG flag. Reported wrecked N. of Aveiro on 2nd December 1976.

NOSTOS VASSO ATHENE, 6592 tons gross motor cargo ship, built 1950, GRC flag. Reported damaged by fire off Valetta on 7th November 1976; subsequently stranded in lat. 40 32 30N., long. 18 05 00E., on 1st March 1977 whilst in tow; refloated, towed to Trieste and thence to Split, sold and broken up.

*Continued*



## ADDITIONAL INFORMATION—Continued

- PACIFIC KNIGHT, 191 tons gross wooden motor fishing vessel, built 1947, USA flag. Reported foundered 80 miles W. of Cape San Lazaro on 8th August 1976.
- PRINCESS KE AH SOM PAH, 110 tons gross motor fishing vessel, built 1969, USA flag. Reported foundered off Port Aransas on 30th August 1971.
- PUNTA BRAVA, 734 tons gross motor tanker, built 1944, COL flag. Sailed from San Andres Island on 3rd February 1976 for Cartagena, Colombia and not since heard of.
- SANTA MARIA, 179 tons gross motor fishing vessel, built 1972, USA flag. Reported burnt and sank off San Andres Island on 6th July 1973.
- SEA FARER, 127 tons gross motor fishing vessel, built 1968, USA flag. Reported foundered in Uganik Bay in lat. 57 56 30N., long. 153 33 00W., on 18th November 1973.
- SUCCESS STAR, 522 tons gross motor cargo ship, built 1946, PAN flag. Reported wrecked off Jubakar, Tumpat, in 1976.
- SUNDOWNER, 164 tons gross wooden motor fishing vessel, built 1934, USA flag. Reported wrecked off Egmont Channel on 18th May 1976.
- TOURLIANI, 2858 tons gross steam cargo ship, built 1943, KUW flag. Reported damaged by fire in lat. 27 41N., long. 50 27E., on 5th August 1966; subsequently towed to Bahrain and thence to Karachi and broken up.
- VAGSKJAER, 158 tons gross wooden motor cargo ship, built 1946, NOR flag. Reported burnt and sank off Vatnholmen Light on 24th April 1976.
- WHITNEY, 159 tons gross motor trawler, built 1945, USA flag. Reported foundered 20 miles S.W. of Cape Alitak on 17th October 1973.

TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.  
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER

Flag	No.	Tons gross	Place of Disposal	No.	Tons gross		
C <sup>W</sup> EALTH {	United Kingdom ... ..	17	166,328	C <sup>W</sup> EALTH {	United Kingdom ... ..	9	23,234
	Bermuda ... ..	1	50,166		Ghana ... ..	1	618
	Cyprus ... ..	3	22,009		Hong Kong ... ..	1	16,087
	Ghana ... ..	1	618		India ... ..	2	7,150
	India ... ..	2	7,150		Singapore ... ..	1	2,173
Argentina ... ..	1	11,433	Argentina ... ..	1	11,433		
Belgium ... ..	2	251	Belgium ... ..	2	251		
Brazil ... ..	1	614	Brazil ... ..	1	614		
Bulgaria ... ..	1	7,669	China, People's Republic of ... ..	1	7,461		
Chile ... ..	1	18,154	Taiwan, Province of ... ..	29	611,750		
China, People's Republic of			Colombia ... ..	1	3,951		
Taiwan, Province of ... ..	1	13,291	Germany, Federal Rep. of ... ..	2	3,235		
German Democratic Republic ... ..	1	2,960	Greece ... ..	1	3,891		
Germany, Federal Rep. of ... ..	1	275	Italy ... ..	1	11,596		
Greece ... ..	8	175,178	Japan ... ..	25	44,721		
Indonesia ... ..	1	6,760	Korea (South) ... ..	4	60,033		
Italy ... ..	1	11,596	Netherlands ... ..	1	347		
Japan ... ..	26	69,566	Pakistan ... ..	7	59,640		
Liberia ... ..	17	347,199	Spain ... ..	18	235,571		
Netherlands ... ..	4	38,424	Turkey ... ..	2	5,097		
Panama ... ..	12	181,005	U.S.S.R. ... ..	2	9,822		
Somali Republic ... ..	1	7,464	Yugoslavia ... ..	4	66,700		
Spain ... ..	4	10,946					
Turkey ... ..	2	5,097					
U.S.S.R. ... ..	6	27,271					
Venezuela ... ..	1	3,951					
World Total ... ..	116	1,185,375	World Total ... ..	116	1,185,375		

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
AGIA BARBARA ... .. 1956	20706	GRC	s. tanker	Broken up ... ..	Taiwan, Province of
ALAVA ... .. 1944	2560	SPN	s. cargo	Broken up ... ..	Spain
ALCHEVSK ... .. 1954	2233	USR	s. cargo	Broken up ... ..	Japan
ALETTA ... .. 1953	2173	PAN	s. tanker	Broken up ... ..	Singapore
ALLISON CONWAY ... .. 1952	22353	LIB	s. tanker	Broken up ... ..	Spain
ALVEGA ... .. 1956	21164	LIB	s. tanker	Broken up ... ..	Korea (South)
ANTIGONE E ... .. 1955	10806	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
ANTONIO DE SATRUSTEGUI ... 1920	3289	SPN	s. cargo	Broken up ... ..	Spain
ANTONIS ... .. 1956	19221	LIB	s. ore/oil carrier	Broken up ... ..	Spain
APOLLO VIII ... .. 1931	136	BLG	m. fishing	Broken up ... ..	Belgium
AYALA ... .. 1944	2560	SPN	s. cargo	Broken up ... ..	Spain
AZUMA MARU No. 8 ... .. 1954	189	JPN	m. tanker	Broken up ... ..	Japan
BANKSTONE ... .. 1949	1357	GBI	m. dredger	Broken up ... ..	United Kingdom
BEVER ... .. 1956	347	NTH	m. salvage	Broken up ... ..	Netherlands
BRUCELLA ... .. 1953	678	GBI	m. trawler	Broken up ... ..	United Kingdom
BUENA VENTURA 11 ... .. 1950	5304	PAN	m. cargo	Broken up ... ..	Pakistan
C. S. ARIEL ... .. 1939	4535	GBI	s. cable-layer	Broken up ... ..	United Kingdom

Continued

MARCH 1977

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
CABO DE HORNS ... .. 1957	18154	CHL	m. tanker	Broken up ... ..	Taiwan, Province of
CAPTAIN PAVLOU ... .. 1947	3340	CYP	m. cargo	Broken up ... ..	Spain
CARINA ... .. 1930	3891	GRC	s. passenger & cargo	Broken up ... ..	Greece
CHAR MING ... .. 1944	6942	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
CHULYM ... .. 1953	2483	USR	s. cargo	Broken up ... ..	Spain
CIUDAD DE SALAMANCA ... .. 1947	2537	SPN	s. passenger & cargo	Broken up ... ..	Spain
CONEGLIANO ... .. 1953	11596	ITL	m. tanker	Broken up ... ..	Italy
CRETAN BEACH ... .. 1957	13173	CYP	m. tanker	Broken up ... ..	Pakistan
CUMBERLAND ... .. 1948	11281	GBI	m. cargo	Broken up ... ..	Taiwan, Province of
DAIFUKU MARU No. 2 ... .. 1965	608	JPN	m. tanker	Broken up ... ..	Japan
DJATIROTO ... .. 1954	6760	IDA	m. cargo	Broken up ... ..	Pakistan
EL-SIPRA ... .. 1947	7969	PAN	s. bulk carrier	Broken up ... ..	Pakistan
ENKA ... .. 1937	275	GFR	m. cargo	Broken up ... ..	Germany, Federal Rep. of
EQUITY ... .. 1952	15622	LIB	m. tanker	Broken up ... ..	Pakistan
ESPERANCE ... .. 1936	115	BLG	m. fishing	Broken up ... ..	Belgium
EVI T ... .. 1954	10495	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
FUJISAN MARU ... .. 1957	20133	JPN	s. tanker	Broken up ... ..	Korea (South)
FUKUJIN MARU ... .. 1960	493	JPN	m. cargo	Broken up ... ..	Japan
GULF DANE ... .. 1961	26652	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
GULF FINN ... .. 1963	25299	GBI	s. tanker	Broken up ... ..	Taiwan, Province of
GULF SCOT ... .. 1961	26652	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
HEMIMACTRA ... .. 1956	12278	GBI	s. tanker	Broken up ... ..	Taiwan, Province of
HIKOSAN MARU ... .. 1955	148	JPN	m. ferry	Broken up ... ..	Japan
HINDSIA ... .. 1955	12212	GBI	s. tanker	Broken up ... ..	United Kingdom
HIYOSHI MARU ... .. 1960	153	JPN	m. tanker	Broken up ... ..	Japan
HONJO MARU No. 3 ... .. 1960	411	JPN	m. cargo	Broken up ... ..	Japan
IOKASTI ... .. 1938	5496	CYP	m. cargo	Broken up ... ..	Yugoslavia
JESTEROLE ... .. 1957	6590	LIB	s. ore/oil carrier	Broken up ... ..	Korea (South)
JOYA MCCANCE ... .. 1964	26836	GBI	s. tanker	Broken up ... ..	Taiwan, Province of
KARA ... .. 1955	12146	NTH	s. tanker	Broken up ... ..	Korea (South)
KATSU MARU No. 3 ... .. 1960	117	JPN	m. cargo	Broken up ... ..	Japan
KINI ... .. 1961	25409	GRC	s. tanker	Broken up ... ..	Taiwan, Province of
KIROV ... .. 1955	7653	USR	m. tanker	Broken up ... ..	Spain
KIYO MARU No. 2 ... .. 1959	186	JPN	m. tanker	Broken up ... ..	Japan
KONAN MARU No. 17 ... .. 1956	751	JPN	m. whaler	Broken up ... ..	Japan
KONAN MARU No. 26 ... .. 1957	752	JPN	m. whaler	Broken up ... ..	Japan
KOSICIA ... .. 1957	12146	NTH	s. tanker	Broken up ... ..	Taiwan, Province of
KYOEI MARU No. 5 ... .. 1961	268	JPN	m. tanker	Broken up ... ..	Japan
LADY SONIA ... .. 1929	199	GBI	m. cargo	Broken up ... ..	United Kingdom
LEE YUNG ... .. 1940	13291	CHT	m. tanker	Broken up ... ..	Taiwan, Province of

*Continued*

MARCH 1977

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
LEIDEN ... .. 1944	13785	NTH	s. tanker	Broken up ... ..	Taiwan, Province of
LONDON INTEGRITY ... .. 1955	12123	GBI	m. tanker	Broken up ... ..	Spain
LOUIS FURNBERG ... .. 1962	2960	GDR	m. stern trawling factory	Broken up ... ..	Germany, Federal Rep. of
LUBEN KARAVELOV ... .. 1955	7669	BUL	m. cargo	Broken up ... ..	Yugoslavia
MAHARAJA ... .. 1950	2124	IND	s. cargo	Broken up ... ..	India
MARIBELLA 111 ... .. 1955	12597	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
MARITIME OPTIMUM ... .. 1963	33615	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
MATSU MARU No. 53 ... .. 1960	197	JPN	m. tanker	Broken up ... ..	Japan
MERVE ... .. 1945	1871	TRK	s. cargo	Broken up ... ..	Turkey
MIRO ... .. 1955	614	BRZ	m. cargo	Broken up ... ..	Brazil
MITSU MARU... .. 1963	428	JPN	m. cargo	Broken up ... ..	Japan
MYKALI ... .. 1962	28394	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
MYOJIN MARU No. 3 ... .. 1966	141	JPN	m. cargo	Broken up ... ..	Japan
NEPCO ADVANCE ... .. 1958	29262	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
NEPCO COURAGEOUS ... .. 1958	27154	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
NEPCO ENERGY ... .. 1958	29141	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
NEW TRUST ... .. 1957	13372	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
NIPPON MARU ... .. 1958	10769	JPN	s. passenger & cargo	Broken up ... ..	Taiwan, Province of
NORTHERN JEWEL... .. 1954	799	GBI	s. trawler	Broken up ... ..	United Kingdom
ORICO ... .. 1958	12667	LIB	s. tanker	Broken up ... ..	Spain
ORION MARU ... .. 1962	27905	JPN	s. tanker	Broken up ... ..	Taiwan, Province of
PETROLA 28 ... .. 1962	49397	GRC	s. tanker	Broken up ... ..	Spain
PLEIONE ... .. 1953	12492	GRC	s. tanker	Broken up ... ..	Spain
QUARTA ... .. 1959	16087	GBI	m. tanker	Broken up ... ..	Hong Kong
RAMA NATOMAS ... .. 1963	50166	BER	s. tanker	Broken up ... ..	Taiwan, Province of
RIKKO MARU... .. 1962	314	JPN	m. cargo	Broken up ... ..	Japan
RIO TUNUYAN ... .. 1951	11433	ARG	m. passenger & cargo	Broken up ... ..	Argentina
RIONGES ... .. 1957	5080	USR	m. cargo	Broken up ... ..	Spain
ROCKSTONE ... .. 1907	842	GBI	m. dredger	Broken up ... ..	United Kingdom
SHINEI MARU ... .. 1968	338	JPN	m. cargo	Broken up ... ..	Japan
SHINKO MARU No. 3 ... .. 1965	299	JPN	m. cargo	Broken up ... ..	Japan
SHUHO MARU ... .. 1961	361	JPN	m. tanker	Broken up ... ..	Japan
SLAVYANKA ... .. 1954	2210	USR	s. cargo	Broken up ... ..	U.S.S.R.
SORACHI MARU ... .. 1955	3428	JPN	m. passenger & cargo	Broken up ... ..	Japan
SOUTHERN CROSS ... .. 1954	18790	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
SPYROS NIARCHOS ... .. 1956	30708	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ST. ANNA ... .. 1959	29486	LIB	s. tanker	Broken up ... ..	Spain
SUSHIEN ... .. 1964	618	GHA	m. trawler	Scuttled ... ..	Off Ghana
SUSY 1 ... .. 1953	13927	PAN	m. tanker	Broken up ... ..	Spain

*Continued*

MARCH 1977

## Condemned, Broken up, etc.—Continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
TA CHUAN ... .. 1948	3348	PAN	m. cargo	Broken up ... ..	Pakistan
TAIKO MARU No. 8 ... .. 1948	111	JPN	m. cargo	Broken up ... ..	Japan
TAMA MARU No. 3 ... .. 1959	264	JPN	m. cargo	Broken up ... ..	Japan
TASMAN VOYAGER... .. 1949	17420	PAN	s. tanker	Broken up ... ..	Spain
TASNEEM ... .. 1952	5026	IND	s. cargo	Broken up ... ..	India
TBLISI ... .. 1942	7612	USR	s. cargo	Broken up ... ..	U.S.S.R.
TOYO MARU No. 53 ... .. 1963	498	JPN	m. cargo	Broken up ... ..	Japan
TRIADIC ... .. 1945	7461	GBI	s. passenger & cargo	Broken up ... ..	China, People's Republic of
UDOMAR ... .. 1957	13114	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
UFUK ... .. 1924	3226	TRK	s. cargo	Broken up ... ..	Turkey
UNITED ORIENT ... .. 1950	7464	SOM	m. cargo	Broken up ... ..	Pakistan
VERONA ... .. 1954	16983	LIB	s. container	Broken up ... ..	Spain
VIRGINIA M. ... .. 1957	11553	LIB	s. tanker	Broken up ... ..	Yugoslavia
VOLINA ... .. 1945	3951	VEN	m. tanker	Broken up ... ..	Colombia
W.D. FAIRWAY ... .. 1941	1299	GBI	m. hopper dredger	Broken up ... ..	United Kingdom
WIGHTSTONE ... .. 1950	1313	GBI	m. dredger	Broken up ... ..	United Kingdom
WORLD INDEPENDENCE ... .. 1957	26031	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
YANGOS COLOCOTRONIS ... .. 1960	41982	GRC	s. tanker	Broken up ... ..	Yugoslavia
YUSHIN MARU No. 1 ... .. 1963	304	JPN	m. tanker	Broken up ... ..	Japan

## Converted

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ESSO NEWCASTLE ... .. 1963	31729	GBI	s. tanker	Converted for use as a non-propelled offshore storage unit.	Japan

## REINSTATE

MAKISHIMA MARU, 662 tons gross motor cargo ship, built 1955, JPN flag. Reported broken up on page 62 of the Annual Casualty Return, 1967; subsequently reported sold and renamed CEBU TRANSPORT.

## ADDITIONAL INFORMATION

ALEXANDROS T. II, 3376 tons gross motor cargo ship, built 1939, GRC flag. Reported broken up in Italy in 1972.

ALOYA, 151 tons gross wooden motor trawler, built 1943, SPN flag. Reported broken up in Spain in 1969.

ANGELINA MANCINO, 498 tons gross motor cargo ship, built 1918, ITL flag. Reported broken up in Italy in 1976.

ARISTEA, 8422 tons gross motor tanker, built 1945, GRC flag. Reported broken up in Spain in 1976.

BALTIETS, 119 tons gross steam tug, built 1913, USR flag. Reported broken up in the U.S.S.R. in 1969.

CABANILLAS, 141 tons gross wooden steam trawler, built 1952, SPN flag. Reported broken up in Spain in 1971.

Continued

MARCH 1977

ADDITIONAL INFORMATION—*continued*

- CABIECES, 112 tons gross steam fishing vessel, built 1948, SPN flag. Reported broken up in Spain in 1971.
- CANOPUS, 4357 tons gross steam cargo ship, built 1913, ARG flag. Reported broken up in Argentina in 1976.
- CHARLES J. COLONNA, 191 tons gross motor fishing vessel, built 1920, USA flag. Reported broken up in the United States of America in 1975.
- CRAIGALLIAN, 7088 tons gross motor ore carrier, built 1959, GBI flag. Reported broken up in Korea (South) in 1976.
- DIRK SENIOR, 311 tons gross motor trawler, built 1957, NTH flag. Reported broken up in the Netherlands in 1976.
- DISCOVERY I, 392 tons gross motor trawler, built 1949, GRC flag. Reported broken up in Greece in 1975.
- DISCOVERY II, 1434 tons gross motor trawler, built 1948, GRC flag. Reported broken up in Greece in 1975.
- DNEPROSTROY, 5226 tons gross steam cargo ship, built 1919, USSR flag. Reported broken up in the U.S.S.R. in 1965.
- ENRICO EFFE, 353 tons gross motor cargo ship, built 1939, ITL flag. Reported broken up in Italy in 1976.
- EXMOUTH, 7642 tons gross steam cargo ship, built 1945, USA flag. Reported broken up in the United States of America in 1976.
- FORTE, 212 tons gross steam tug, built 1941, ITL flag. Reported broken up in Italy in 1976.
- HINNITES, 12186 tons gross steam tanker, built 1956, GBI flag. Reported broken up in Korea (South) in 1976.
- HOLOSPIRA, 12180 tons gross steam tanker, built 1956, GBI flag. Reported broken up in Korea (South) in 1976.
- IRENES SPIRIT, 12839 tons gross motor tanker, built 1957, CYP flag. Reported broken up in Korea (South) in 1976.
- JOSE DIAZ, 1797 tons gross steam cargo ship, built 1921, USSR flag. Reported broken up in the U.S.S.R. in 1966.
- KAHANUI, 237 tons gross steam tug, built 1926, NZL flag. Reported converted for use as a non-propelled barge in New Zealand in 1968.
- KAMENKA, 533 tons gross steam tug, built 1951, USSR flag. Reported broken up in the U.S.S.R. in 1971.
- KOROMACNO, 221 tons gross motor cargo ship, built 1935, YUG flag. Reported broken up in Yugoslavia in 1975.
- LAERDOLEN, 324 tons gross wooden motor ferry, built 1939, NOR flag. Reported converted for use as a non-propelled barge in Norway in 1976.
- LAMNALCO OSPREY, 116 tons gross motor supply ship, built 1971, LIB flag. Reported dismantled in the United Arab Emirates in 1975.
- LILIAS, 262 tons gross steam tug, built 1928, GBI flag. Reported broken up in the Irish Republic in 1970.
- MANO No. 2, 4678 tons gross motor cargo ship, built 1950, KRS flag. Reported broken up in Korea (South) in 1970.
- MARTHA, 10123 tons gross motor tanker, built 1949, GRC flag. Reported broken up in Greece in 1976.
- MGLA, 533 tons gross steam tug, built 1951, USSR flag. Reported broken up in the U.S.S.R. in 1970.
- MOUNT JULIE, 15148 tons gross steam tanker, built 1945, PAN flag. Reported broken up in Korea (South) in 1976.
- MUK HO, 3818 tons gross motor cargo ship, built 1945, KRS flag. Reported broken up in Pakistan in 1976.
- NURNBERG, 620 tons gross steam trawler, built 1952, GFR flag. Reported broken up in Spain in 1973.
- PARMA, 463 tons gross motor tanker, ITL flag. Reported broken up in Italy in 1972.
- RYBINSK, 2884 tons gross steam cargo ship, built 1944, USSR flag. Reported broken up in Japan in 1975.

*Continued*

**ADDITIONAL INFORMATION—continued**

STEFAN KARADJA, 7053 tons gross motor cargo ship, built 1944, BUL flag. Reported broken up in Yugoslavia in 1973.

TERNOPOL, 1211 tons gross motor cargo ship, built 1956, USSR flag. Reported broken up in the U.S.S.R. in 1976.

TRINITY BAY, 1054 tons gross steam hopper dredger, built 1912, AST flag. Reported converted for use as a floating museum in Australia in 1976.

ULYSSES, 322 tons gross wooden motor cargo ship, built 1948, PTG flag. Reported broken up in Portugal in 1957.

VAGSFJELL, 121 tons gross wooden motor cargo ship, built 1946, NOR flag. Reported scuttled off Norway in 1974.

VENCEDOR SEGUNDO, 449 tons gross wooden motor cargo ship, built 1915, PTG flag. Reported broken up in Portugal in 1959.

VEST, 101 tons gross steam tug, built 1913, USSR flag. Reported broken up in the U.S.S.R. in 1969.

VETER, 216 tons gross steam tug, built 1900, USSR flag. Reported broken up in the U.S.S.R. in 1969.

WA HING, 2443 tons gross motor cargo ship, built 1949, PAN flag. Reported broken up in the Province of Taiwan in 1975.

ZUID, 146 tons gross steam tug, built 1914, USSR flag. Reported broken up in the U.S.S.R. in 1969.

**Extract from the Society's Regulations:—**

"The Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, but it is to be understood that neither the Society nor any Member of any of its Committees, nor any of its Officers, Servants or Surveyors is under any circumstances whatever to be held responsible or liable for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any act or omission, default or negligence of any of its Committees or any Member thereof, or of the Surveyors, or other Officers, Servants or Agents of the Society."

**MARCH 1977**

**IMPORTANT.**—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 8th February, 1978.

# LLOYD'S REGISTER OF SHIPPING

## CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,  
DURING THE QUARTER ENDED 30th JUNE, 1977  
(as reported up to 31st December, 1977)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up. Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

*NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th June, 1977".*

*Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS*

71, FENCHURCH STREET, LONDON, EC3M 4BS

January, 1978



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- MOUNT JULIE, 15148 tons gross steam tanker, built 1945, PAN flag. Reported broken up in Korea (South) in 1976.
- MUK Ho, 3818 tons gross motor cargo ship, built 1945, KRS flag. Reported broken up in Pakistan in 1976.
- NURNBERG, 620 tons gross steam trawler, built 1952, GFR flag. Reported broken up in Spain in 1973.
- PARMA, 463 tons gross motor tanker, ITL flag. Reported broken up in Italy in 1972.
- RYBINSK, 2884 tons gross steam cargo ship, built 1944, USSR flag. Reported broken up in Japan in 1975.

*Continued*

**ADDITIONAL INFORMATION—continued**

STEFAN KARADJA, 7053 tons gross motor cargo ship, built 1944, BUL flag. Reported broken up in Yugoslavia in 1973.

TERNOPOL, 1211 tons gross motor cargo ship, built 1956, USSR flag. Reported broken up in the U.S.S.R. in 1976.

TRINITY BAY, 1054 tons gross steam hopper dredger, built 1912, AST flag. Reported converted for use as a floating museum in Australia in 1976.

ULYSSES, 322 tons gross wooden motor cargo ship, built 1948, PTG flag. Reported broken up in Portugal in 1957.

VAGSFJELL, 121 tons gross wooden motor cargo ship, built 1946, NOR flag. Reported scuttled off Norway in 1974.

VENCEDOR SEGUNDO, 449 tons gross wooden motor cargo ship, built 1915, PTG flag. Reported broken up in Portugal in 1959.

VEST, 101 tons gross steam tug, built 1913, USSR flag. Reported broken up in the U.S.S.R. in 1969.

VETER, 216 tons gross steam tug, built 1900, USSR flag. Reported broken up in the U.S.S.R. in 1969.

WA HING, 2443 tons gross motor cargo ship, built 1949, PAN flag. Reported broken up in the Province of Taiwan in 1975.

ZUID, 146 tons gross steam tug, built 1914, USSR flag. Reported broken up in the U.S.S.R. in 1969.

**Extract from the Society's Regulations:—**

"The Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, but it is to be understood that neither the Society nor any Member of any of its Committees, nor any of its Officers, Servants or Surveyors is under any circumstances whatever to be held responsible or liable for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any act or omission, default or negligence of any of its Committees or any Member thereof, or of the Surveyors, or other Officers, Servants or Agents of the Society."

**MARCH 1977**

**IMPORTANT.**—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 8th February, 1978.

# LLOYD'S REGISTER OF SHIPPING

## CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,**

**DURING THE QUARTER ENDED 30th JUNE, 1977**

**(as reported up to 31st December, 1977)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.

Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

*NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th June, 1977".*

*Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS*

71, FENCHURCH STREET, LONDON, EC3M 4BS

January, 1978

TABLE 1—SHIPS TOTALLY LOST, BROKEN

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1976		Foundered		Missing		Burnt
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
COMMONWEALTH	UNITED KINGDOM	3,549	32,923,308	...	...	...	...
	BAHAMAS	119	147,817	1	147	...	...
	CANADA	1,269	2,638,692	1	8,273	...	...
	CYPRUS	765	3,114,263	...	...	1	7,311
	INDIA	526	5,093,984	...	...	...	...
	MALAYSIA	150	442,740	...	...	...	...
	PAPUA NEW GUINEA	57	15,329	...	...	...	...
	SINGAPORE	722	5,481,720	1	4,943	...	1
	BRAZIL	520	3,096,293	...	...	...	...
CHILE	142	409,756	...	...	...	...	
CHINA, PEOPLE'S REPUBLIC OF	551	3,588,726	...	...	...	...	
TAIWAN, PROVINCE OF	438	1,483,981	...	...	...	...	
DENMARK	1,413	5,143,022	...	...	...	...	
FINLAND	350	2,115,322	...	...	...	1	
GERMANY, FEDERAL REPUBLIC OF	1,957	9,264,671	...	...	...	...	
GREECE	2,921	25,034,585	1	3,142	...	...	
HONDURAS	57	71,042	1	328	...	...	
INDONESIA	882	1,046,198	...	...	...	...	
IRAN	168	683,329	...	...	...	...	
ITALY	1,719	11,077,549	...	...	...	...	
JAPAN	9,748	41,663,188	1	111	...	...	
KOREA (SOUTH)	936	1,796,106	1	194	...	...	
LIBERIA	2,600	73,477,326	...	...	...	2	
MALDIVE ISLANDS	44	121,462	...	...	...	...	
MOROCCO	67	136,596	...	...	...	1	
NETHERLANDS	1,325	5,919,892	...	...	...	...	
NICARAGUA	27	26,415	...	...	...	1	
NORWAY	2,759	27,943,834	1	183	...	...	
PANAMA	2,680	15,631,180	4	28,653	...	2	
PHILIPPINES	457	1,018,065	...	...	...	...	
SENEGAL	65	26,621	...	...	...	...	
SOUTH AFRICA	275	477,011	1	154	...	1	
SPAIN	2,792	6,027,763	1	108	...	1	
SWEDEN	764	7,971,246	...	...	...	...	
THAILAND	90	194,993	...	...	...	...	
U.S.S.R.	7,945	20,667,892	...	...	...	...	
UNITED STATES OF AMERICA	4,616	14,908,445	4	699	...	...	
YUGOSLAVIA	423	1,943,750	1	317	...	...	
<b>WORLD TOTAL</b>	<b>65,887</b>	<b>371,999,926</b>	<b>19</b>	<b>47,252</b>	<b>1</b>	<b>7,311</b>	<b>10</b>

The percentage proportion of the world fleet totally lost during the June Quarter, 1977, was 0.07% of ships and 0.05% of tonnage.

JUNE 1977

EN U  
TC., DURING THE SECOND QUARTER 1977

Collision		Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag
Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	
...	2	413	...	...	...	2	413	6	28,739	UNITED KINGDOM
...	...	...	...	...	...	1	147	...	...	BAHAMAS
...	...	...	...	...	...	1	8,273	...	...	CANADA
...	...	...	...	...	...	1	7,311	4	59,725	CYPRUS
...	...	...	...	...	...	...	...	...	...	INDIA
...	...	...	1	2,348	...	1	2,348	2	22,634	MALAYSIA
...	...	...	...	...	...	...	...	1	17,191	PAPUA NEW GUINEA
...	...	...	1	139	...	1	139	...	...	SINGAPORE
9,332	...	...	...	...	...	2	14,275	3	22,137	
...	...	...	...	...	...	...	...	1	3,805	BRAZIL
...	...	...	1	6,292	...	1	6,292	...	...	CHILE
...	...	...	...	...	...	...	...	...	...	CHINA, PEOPLE'S REPUBLIC OF
...	...	...	1	7,253	...	1	7,253	2	18,162	TAIWAN, PROVINCE OF
...	...	...	...	...	...	...	...	1	267	DENMARK
11,321	...	...	...	...	...	1	11,321	...	...	FINLAND
...	...	...	...	...	...	...	...	1	18,257	GERMANY, FEDERAL REPUBLIC OF
...	...	...	...	...	...	1	3,142	5	70,039	GREECE
...	...	...	...	...	...	1	328	2	4,201	HONDURAS
...	1	3,953	...	...	...	1	3,953	...	...	INDONESIA
...	...	...	...	...	...	...	...	1	10,446	IRAN
...	...	...	...	...	...	...	...	9	90,059	ITALY
...	...	...	...	...	...	1	111	1	13,103	JAPAN
...	...	...	1	957	...	2	1,151	...	...	KOREA (SOUTH)
57,193	...	...	1	15,184	...	3	72,379	20	414,393	LIBERIA
...	1	3,678	...	...	...	1	3,678	1	3,803	MALDIVE ISLANDS
198	...	...	...	...	...	1	198	...	...	MOROCCO
...	...	...	...	...	...	...	...	1	6,979	NETHERLANDS
473	...	...	...	...	...	1	473	...	...	NICARAGUA
...	...	...	...	...	...	1	183	1	21,854	NORWAY
8,461	4,884	2	7,430	...	...	9	49,428	21	206,950	PANAMA
...	...	...	...	...	...	...	...	2	13,524	PHILIPPINES
...	...	...	...	...	...	...	...	1	1,965	SENEGAL
151	...	...	...	...	...	2	312	3	22,218	SOUTH AFRICA
200	...	1	511	...	...	3	819	4	23,215	SPAIN
...	...	1	2,999	...	...	1	2,999	...	...	SWEDEN
...	...	...	...	...	...	...	...	1	3,534	THAILAND
...	...	...	...	...	...	...	...	4	10,992	U.S.S.R.
...	...	...	...	...	...	4	699	11	85,894	UNITED STATES OF AMERICA
...	...	...	...	...	...	1	317	...	...	YUGOSLAVIA
87,338	12,928	10	43,113	...	...	45	197,942	109	1,194,086	WORLD TOTAL

tonnage proportion of the world fleet broken up etc., not consequent upon casualty was 0.17% of ships and 0.32% of tonnage.

## STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

## EXPLANATIONS OF CONTRACTIONS

## FLAG

ALB = Albania	ELS = El Salvador	JAM = Jamaica	QAT = Qatar
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LIB = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GHA = Ghana	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GIB = Gibraltar	MDV = Maldives Islands	SUD = Sudan
BRN = Bahrain	GRC = Greece	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRE = Grenada	MGY = Malagasy Republic	SWZ = Switzerland
BUL = Bulgaria	GUA = Guatemala	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUI = Guinea	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUY = Guyana	MTA = Malta	THA = Thailand
CAY = Cayman Islands	HAI = Haiti	NHB = New Hebrides	TON = Tonga
CHL = Chile	HKG = Hong Kong	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HON = Honduras	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HUN = Hungary	NOR = Norway	TUN = Tunisia
CMN = Cameroon	ICL = Iceland	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	IDA = Indonesia	NZL = New Zealand	URG = Uruguay
CON = Congo	IND = India	PAK = Pakistan	USA = United States of America
COS = Costa Rica	IRN = Iran	PAN = Panama	USR = U.S.S.R.
CUB = Cuba	IRP = Irish Republic	PAR = Paraguay	VEN = Venezuela
CYP = Cyprus	IRQ = Iraq	PER = Peru	VNM = Vietnam
CZE = Czechoslovakia	ISR = Israel	PHI = Philippines	YAR = Yemen Arab Republic
DEN = Denmark	ITL = Italy	PNG = Papua New Guinea	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	IVC = Ivory Coast	POL = Poland	YUG = Yugoslavia
ECU = Ecuador		PTG = Portugal	ZAI = Zaire

## DESCRIPTION

c = Composite  
f = Ferro-concrete  
gt = Gas Turbine

irn = Iron  
m. = Motorship  
rp = Reinforced plastic

s. = Steamship  
(T) = Oil Tanker  
w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

## Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ADVENTURE ... 1970	198	USA	m. fishing	... ..	...	At Renard Island, Resurrection Bay, Alaska.	28th May
AHALIQ ... 1944	187	USA	m. tug	... ..	...	50 miles S. of Hagemester Island, Bristol Bay, Alaska, in lat. 57 36N., long. 160 15W., in heavy weather.	27th June
ARTURO DUO ... 1966	108	SPN	w.m. fishing	... ..	...	Sprang leak and sank off the coast of Morocco.	19th Apr.
ATALANTA ... 1954	1430	PAN	m. fish carrier	Hong Kong— Osaka	Frozen fish	Sprang leak and presumed to have sunk E. of the Province of Taiwan in approximately lat. 24 03N., long. 125 28E.	11th May
BUKOM ISLAND ... 1954	4943	SNG	m. cargo	Umm Said— Singapore	Fertilizer	In approximately lat. 20 00N., long. 63 10E., during a cyclone.	12th June

Continued

JUNE 1977

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CARIBBEAN SEA ... 1958	18372	PAN	m. tanker	Bajo Grande— Tacoma	Crude oil	In lat. 11 34N., long. 89 51W., after engine room flooded in heavy weather.	27th May
EISHO MARU No. 21... 1973	111	JPN	m. fishing	...	...	Capsized and sank 12 miles off Inubozaki in lat. 35 53 54N., long. 140 50 18E., in heavy weather.	7th Apr.
FLEMSOY ... 1917	183	NOR	w.m. sealer	...	...	Off Jan Mayen Island.	21st Apr.
FOREMOST ... 1970	166	USA	m. fishing	...	...	75 miles E.S.E. of St. George Island, Bering Sea, in lat. 56 21N., long. 167 35W., in heavy weather.	4th May
GOLDFINGER... 1965	147	BAH	w.m. cargo	Nassau—Andros Island	General	Off Fresh Creek, Andros Island.	4th May
JI NAM No. 23 ... 1965	194	KRS	m. fishing	...	...	In lat. 32 36S., long. 160 10E.	11th June
KADINA ... 1946	3029	PAN	m. cargo	...	...	Whilst undergoing repair at Singapore Eastern Anchorage in lat. 01 16 39N., long. 103 52 18 E., in heavy weather; to be broken up.	18th May
MIGHTY RED ... 1926	148	USA	m. supply	Venice, La.—	Generators	Sprang leak, taken in tow but sank 90 miles S.S.E. of Cameron, La.	26th June
NANOS ... 1965	317	YUG	m. cargo	Rasa—Rab	Sand	Off Cres Island in approximately lat. 44 51 00N., long. 14 37 05E., in heavy weather.	31st May
SEA TALENT ... 1947	5822	PAN	m. cargo	Maputo— Singapore	Ore	Sprang leak in lat. 17 50S., long. 71 25E., on 15th May and subsequently presumed to have sunk 750 miles E. of Mauritius in approximately lat. 18 13S., long. 70 43E.	16th May
STORMKUS ... 1969	154	SAF	w.m. trawler	...	...	Sprang leak and sank 35 miles N.W. of Walvis Bay in lat. 21 14S., long. 13 38E.	19th Apr.
SYLVIA ... 1938	328	HON	m. cargo	...	...	Sprang leak and sank in lat. 42 32N., long. 06 07E., after engine failure in heavy weather.	19th May
TASOS ... 1949	3142	GRC	s. cargo	...	...	Off Takoradi in lat. 04 54 09N., long. 01 42 22W.	22nd Apr.
WILLIAM CARSON ... 1955	8273	CAN	m. ferry	St. Anthony, Nfld. —Goose Bay, Labrador	General	Sprang leak and sank in pack ice 18 miles E. of Square Island, Labrador, in lat. 51 30N., long. 55 00W.	2nd June

## Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
EUROBULKER... 1963	7311	CYP	m. cargo	Alcanar— Bandar Shahpour	Bagged cement	Sailed from Alcanar on 25th May for Bandar Shahpour; last reported at 0700 hours on 12th June in lat. 16 17N., long. 54 50E., and not since heard of.	—

## Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AIN LEUH ... .. 1976	198	MOR	m. fishing	... ..	...	Caught fire W. of Lisbon in approximately lat. 38 47N., long. 11 20W., and presumed to have sunk.	5th June
ASIATICA ... .. 1960	4033	PAN	m. cargo	Kobe—Manila	Steel products	Caught fire N.W. of Kokajima, Kagoshima and beached at Amami Oshima; subsequently refloated but sank 25 miles N.E. of Kikaishima in lat. 28 47N., long. 130 13E., on 16th June.	11th June
BELLE TERESA ... 1967	158	SAF	rp.m. fishing	... ..	...	Extensively damaged by fire 10 miles N. of St. Helena Bay; subsequently stranded in lat. 32 35S., long. 18 18E.	18th Apr.
CLIMAX OPAL ... 1952	9332	SNG	m. passenger & cargo	Cork—Belfast	Animal feed	Extensively damaged by fire at Belfast; subsequently sold, towed to Santander and broken up.	3rd Apr.
GUNNY... .. 1951	11321	FIN	m. tanker	At Sete	...	Broke in two after explosion and fire at Sete; forepart broken up, aftpart subsequently towed to Marseilles and sold for breaking up.	27th June
HERMANOS SENDRA 1966	200	SPN	w.m. fishing	... ..	...	Caught fire and sank 45 miles off Lanzarote.	20th May
JOY ... .. 1955	5876	LIB	s. bulk carrier	Acajutla— New Orleans	Sugar	Sank after fire and explosions 100 miles S.E. of mouth of River Mississippi in lat. 27 55N., long. 88 26W., whilst in tow.	8th June
KIRK B... .. 1948	473	NIC	m. cargo	At Cartagena, Col.	...	Extensively damaged by fire whilst under repair at Cartagena, Colombia; subsequently sold and broken up.	7th June
TUNG HING ... .. 1947	4428	PAN	m. cargo	Bangkok— Port Harcourt	Rice	Damaged by fire and explosion near the Sunda Strait in approximately lat. 06 05S., long. 104 30E.; subsequently presumed to have sunk.	10th June
UNIVERSE DEFIANCE 1958	51319	LIB	s. tanker	Philadelphia— Nigeria	Ballast	Extensively damaged by explosion and fire in boiler room off the coast of Guinea in lat. 11 55N., long. 17 39W., towed to Dakar and thence out of port and subsequently sank 200 miles off the coast on 7th May.	15th Apr.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ACTIVITY ... .. 1950	4884	PAN	m. cargo	At Dubai	...	Damaged by collision with MICHALIS at Dubai; subsequently towed to Karachi and broken up.	13th June
COASTAL EMPRESS 1960	250	GBI	m. trawler	... ..	...	Sank after collision with NORDINGUR 13 miles N. of Muckle Flugga, Shetland Islands.	12th May
CRAIG-GOWAN ... 1960	163	GBI	m. trawler	... ..	...	Sank after collision with JAPONICA 8 miles E. of Rattray Head in lat. 57 38N., long. 01 37W.	25th Apr.

Continued



## Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
MALDIVE SAILOR ... 1958	3678	MDV	m. cargo	Karachi— Colombo	General	Damaged by collision with JAPAN DAISY (T) off Cape Comorin in lat. 08 24 00N., long. 76 42 30E., subsequently presumed to have sunk.	19th June
MOGES EBONI ... 1969	3953	IDA	m. cargo	Moji—Keelung	Steel	Sank after collision with ZUIDER SEA in the Kanmon Strait in lat. 33 56 55N., long. 130 56 58E.	29th June

## Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
FEDERICO SCHWAGER 1948	6292	CHL	s. cargo	San Vicente— Talcahuano	Saltpetre	Off Quiriquina Island, Talcahuano, in lat. 36 37 20S., long. 73 06 05W; subsequently broke in two.	7th May
GREAT PRODUCER ... 1951	7253	CHT	m. cargo	... ..	...	Stranded off Mutsure Light-house after dragging anchors in heavy weather; subsequently refloated, taken to Moji and sold for breaking up.	18th Apr.
IMMEN ... .. 1976	2999	SWD	m. cargo	Ornskoldsvik— Lubeck	Woodpulp	Struck submerged object and sank N. of Gotska Sandon in lat. 58 49 24N., long. 19 07 36E., in heavy weather.	3rd Apr
JI NAM No. 307 ... 1966	1473	PAN	m. trawler	... ..	...	62 miles S. of Nouakchott in lat. 17 10N., long. 16 11W.	26th May
MONTONE ... .. 1954	5957	PAN	s. cargo	Augusta—Carrara	Ballast	Stranded S. of Carrara in heavy weather; to be broken up.	9th Apr.
PUERTO DE AZPIROZ 1955	511	SPN	m. cargo	Agadir—Aaiun	General	4 miles N. of Tarfaya.	12th June
SEPIK ENERGY ... 1950	139	PNG	m. tug	... ..	...	Stranded on reef at Ragave Point, Cape Vogel, in lat. 09 41 00S., long. 150 03 24E.	13th June
STOLT HERA ... .. 1956	15184	LIB	m. tanker	U.S. Gulf— Port Esquivel	Liquid caustic soda	Stranded S.W. of Bare Bush Cay, Portland Bight, Jamaica; subsequently refloated, towed to Galveston and thence to Brownsville, sold and broken up.	31st May
TAI YANG No. 15 ... 1956	957	KRS	m. fish carrier	Male—Singapore	Fish	At Udjung Bay, 2½ miles W. of Sabang Bay, N. Sumatra.	11th June
VAISHNAVI ... .. 1948	2348	IND	s. cargo	Hodeidah—Sikka	Ballast	2½ miles off Dwarka Lighthouse in lat. 27 17 00N., long. 68 56 30E.	16th June

## ADDITIONAL INFORMATION

MICHAEL J., 394 tons gross motor tug, built 1938, USA flag. Reported burnt out at Plaquemine, La., on 7th June, 1975.

SABIA 264 tons gross motor cargo ship, built 1964, NOR flag. Reported capsized and sank in Sognefjorden on 20th December, 1976.

SAMOKOV, 1812 tons gross motor cargo ship, built 1972, BUL flag. Reported sank after collision with LASH PACIFICO at Ilichevsk on 3rd December, 1976; subsequently raised and broken up.

TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.  
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER

Flag		No.	Tons gross	Place of Disposal		No.	Tons Gross
C'WEALTH	United Kingdom ... ..	6	28,739	C'WEALTH	United Kingdom ... ..	7	47,238
	Cyprus ... ..	4	59,725		Australia... ..	1	259
	India ... ..	2	22,634		Canada ... ..	1	6,272
	Malaysia ... ..	1	17,191		Hong Kong ... ..	2	6,858
	Singapore ... ..	3	22,137		India ... ..	2	22,634
Brazil ... ..	1	3,805	Belgium ... ..	2	13,796		
China, People's Republic of	—	—	Brazil ... ..	1	3,805		
Taiwan, Province of ... ..	2	18,162	China, People's Republic of...	—	—		
Denmark ... ..	1	267	Taiwan, Province of ... ..	33	512,204		
Germany, Federal Republic of	1	18,257	Denmark ... ..	1	267		
Greece ... ..	5	70,039	France... ..	1	384		
Honduras ... ..	2	4,201	Germany, Federal Republic of	1	21,493		
Iran ... ..	1	10,446	Greece... ..	1	21,284		
Italy ... ..	9	90,059	Italy ... ..	9	90,059		
Japan ... ..	1	13,103	Japan ... ..	2	3,429		
Liberia ... ..	20	414,393	Korea (South) ... ..	4	43,214		
Maldiv Islands ... ..	1	3,803	Pakistan ... ..	14	128,240		
Netherlands ... ..	1	6,979	Philippines ... ..	1	7,782		
Norway ... ..	1	21,854	South Africa ... ..	1	792		
Panama ... ..	21	206,950	Spain ... ..	16	171,782		
Philippines ... ..	2	13,524	United States of America ... ..	7	44,198		
Senegal ... ..	1	1,965	Yugoslavia ... ..	2	48,096		
South Africa ... ..	3	22,218					
Spain ... ..	4	23,215					
Thailand ... ..	1	3,534					
U.S.S.R. ... ..	4	10,992					
United States of America ... ..	11	85,894					
World Total ... ..	109	1,194,086	World Total ... ..	109	1,194,086		

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
AL SHAMS ... .. 1954	13295	PAN	m. tanker	Broken up ... ..	Pakistan
ALFONSO DE CHURRUCA ... 1954	2469	SPN	s. cargo	Broken up ... ..	Spain
ALGERINA NERI ... .. 1936	142	ITL	s. tug	Broken up ... ..	Italy
ALMIRANTE ... .. 1954	3817	HON	m. cargo	Broken up ... ..	Taiwan, Province of
AMENITY ... .. 1952	4777	PAN	m. cargo	Broken up ... ..	United Kingdom
APOLLONIAN VICTORY ... .. 1959	21493	GRC	m. tanker	Broken up ... ..	Germany, Federal Republic of
ARMOR... .. 1925	384	HON	m. cargo	Broken up ... ..	France
ARYA GOL ... .. 1956	10446	IRN	s. cargo	Broken up ... ..	Pakistan
ASTRAL ... .. 1960	20232	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ASTRASALTA... .. 1953	15724	PAN	s. bulk carrier	Broken up ... ..	Taiwan, Province of
BARBARA MASSEY ... .. 1958	16522	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
BEAUREGARD ... .. 1943	9016	USA	s. container	Broken up ... ..	Taiwan, Province of
BRICK QUINTO ... .. 1944	1922	ITL	s. cargo	Broken up ... ..	Italy
BUNGA DAHLIA ... .. 1953	17191	MAL	s. cargo	Broken up ... ..	Taiwan, Province of
CALTEC TRADER ... .. 1954	11909	SAF	m. tanker	Broken up ... ..	Taiwan, Province of
CAPOPINO ... .. 1927	768	ITL	s. tanker	Broken up ... ..	Italy
CAPRELLA ... .. 1950	18257	GFR	s. tanker	Broken up ... ..	Taiwan, Province of

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
CAPTAIN THEO ... .. 1953	8545	CYP	s. cargo	Broken up ... ..	Belgium
CARTAGO ... .. 1957	6979	NTH	s. cargo	Broken up ... ..	Korea (South)
CHEVRON ODENSE... .. 1963	29858	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
CRETAN FLOWER ... .. 1960	24028	CYP	s. tanker	Broken up ... ..	Yugoslavia
EASTERN CHERRY ... .. 1950	6993	PAN	m. cargo	Broken up ... ..	Korea (South)
EASTERN NEPTUNE ... .. 1953	4842	SNG	m. cargo	Broken up ... ..	Taiwan, Province of
EDGAR E. CLARK ... .. 1944	7176	USA	s. cargo	Scuttled ... ..	Off United States of America
EFPLIA ... .. 1955	20538	LIB	s. tanker	Broken up ... ..	Spain
EMPIRE PEGGY ... .. 1945	259	GBI	s. tug	Broken up ... ..	Australia
ESCATRON ... .. 1956	13007	SPN	m. tanker	Broken up ... ..	Spain
FIDELITY ... .. 1950	7179	PAN	m. cargo	Broken up ... ..	United Kingdom
GALICIA ... .. 1953	5632	PAN	m. bulk carrier	Broken up ... ..	United Kingdom
GIESSE ... .. 1954	11864	ITL	m. tanker	Broken up ... ..	Italy
GILIA ... .. 1945	13763	LIB	s. bulk carrier	Broken up ... ..	Taiwan, Province of
GOLD RANGER ... .. 1941	3324	SNG	m. tanker	Broken up ... ..	Hong Kong
GOLDEN CROWN ... .. 1948	7065	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
GOLDEN JASON ... .. 1959	22762	LIB	s. tanker	Broken up ... ..	Spain
GOLFO DI TARANTO ... .. 1956	19416	ITL	s. ore carrier	Broken up ... ..	Italy
GRAND YORK ... .. 1955	21054	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
GREAT GLORY ... .. 1951	6753	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
GREAT SUCCESS ... .. 1951	7522	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
GULF MARINER ... .. 1951	7338	GBI	s. cargo	Broken up ... ..	Pakistan
HELENA VENIZELOS ... .. 1958	20830	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
HENNEPIN ... .. 1905	6272	USA	s. bulk carrier	Broken up ... ..	Canada
HIGHLAND QUEEN... .. 1930	5251	GRC	s. passenger & cargo	Broken up ... ..	Belgium
IDAHO STANDARD ... .. 1944	10449	USA	s. tanker	Broken up ... ..	Taiwan, Province of
IVAN TURGENEV ... .. 1952	1711	USR	m. cargo	Broken up ... ..	Japan
JOSEPH A. BROWN... .. 1943	7237	USA	s. cargo	Broken up ... ..	United States of America
KABALARIS ... .. 1956	10190	GRC	s. cargo	Broken up ... ..	Pakistan
KEELUNG VICTORY ... .. 1945	7663	CHT	s. cargo	Broken up ... ..	Taiwan, Province of
KISHTI NOOR ... .. 1954	2226	PAN	s. cargo	Broken up ... ..	Pakistan
LIPETSK ... .. 1954	2483	USR	s. cargo	Broken up ... ..	Spain
LORNA ... .. 1918	342	ITL	m. cargo	Broken up ... ..	Italy
LUCKY ... .. 1939	5215	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
M. M. GUHIN ... .. 1943	7259	USA	s. cargo	Broken up ... ..	United States of America
MACEDONIAN ... .. 1956	12724	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
MALDIVE FREEDOM ... .. 1955	3803	MDV	s. cargo	Broken up ... ..	Pakistan
MARIA FASSIO ... .. 1960	21184	ITL	s. tanker	Broken up ... ..	Italy
MARITSA ... .. 1953	11310	PAN	m. tanker	Broken up ... ..	Spain
MARIVIC ... .. 1955	21675	CYP	s. tanker	Broken up ... ..	Taiwan, Province of
MATSUSHIMA MARU ... .. 1957	13103	JPN	m. tanker	Broken up ... ..	Korea (South)

*Continued*

JUNE 1977

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
MINLLY ... .. 1958	10499	CHT	s. cargo	Broken up ... ..	Taiwan, Province of
MIROSAL ... .. 1945	3805	BRZ	m. cargo	Broken up ... ..	Brazil
MOBIL IMPORTER ... .. 1963	57558	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
NANAK ... .. 1956	20418	IND	m. tanker	Broken up ... ..	India
NEA TYHI ... .. 1958	12624	GRC	s. tanker	Broken up ... ..	Spain
NEAPOLIS ... .. 1958	24068	LIB	s. tanker	Broken up ... ..	Yugoslavia
NEW WAY ... .. 1953	12331	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
OKHA ... .. 1950	1718	USR	m. passenger & cargo	Broken up ... ..	Japan
OLYMPIC SNOW ... .. 1954	13665	LIB	s. tanker	Broken up ... ..	Spain
PACMERCHANT ... .. 1944	14188	PAN	s. bulk carrier	Broken up ... ..	Taiwan, Province of
PALOUSE ... .. 1955	15683	LIB	m. tanker	Broken up ... ..	Spain
PANDAY IRA ... .. 1955	7782	PHI	s. cargo	Broken up ... ..	Philippines
PATANPORN ... .. 1954	3534	THA	m. cargo	Broken up ... ..	Hong Kong
PAUL PIGOTT ... .. 1951	18126	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
PERIKUM ... .. 1959	21854	NOR	m. tanker	Broken up ... ..	United Kingdom
PETRO JOAL ... .. 1939	1965	SEN	m. tanker	Broken up ... ..	Spain
PETROLA 6 ... .. 1954	20481	GRC	s. tanker	Broken up ... ..	Spain
PHILIPPA ... .. 1959	30165	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
PICCI FASSIO... .. 1961	21195	ITL	s. tanker	Broken up ... ..	Italy
PLUS ULTRA ... .. 1928	4180	SPN	m. passenger & cargo	Broken up ... ..	Spain
POLARIS ... .. 1945	3748	USA	m. tanker	Broken up ... ..	United States of America
PRESIDENT AGUINALDO ... .. 1943	5742	PHI	m. cargo	Broken up ... ..	Pakistan
PRIMELLA ... .. 1958	789	GBI	m. trawler	Broken up ... ..	United Kingdom
RITA ... .. 1937	5477	CYP	m. cargo	Broken up ... ..	Pakistan
S.A. MERCHANT ... .. 1955	9517	SAF	s. cargo	Broken up ... ..	Taiwan, Province of
SAC TARRAGONA ... .. 1922	3559	SPN	s. cargo	Broken up ... ..	Spain
SAINT JOHN ... .. 1950	11630	LIB	m. ore/oil carrier	Broken up ... ..	Pakistan
SAMIA ... .. 1954	13971	SNG	m. tanker	Broken up ... ..	Pakistan
SAN GEORGIO II ... .. 1951	8244	PAN	s. cargo	Broken up ... ..	Spain
SANDY LAKE ... .. 1945	15959	USA	s. tanker	Broken up ... ..	Pakistan
SAPPA CREEK ... .. 1943	10433	USA	s. tanker	Broken up ... ..	United States of America
SEEMOR ... .. 1946	6389	GBI	m. cargo	Broken up ... ..	Pakistan
SINCERITY ... .. 1947	6775	PAN	m. cargo	Broken up ... ..	United Kingdom
SOLWAY ... .. 1943	232	GBI	s. tug	Broken up ... ..	United Kingdom
STOLT EAGLE ... .. 1958	16139	LIB	m. tanker	Broken up ... ..	Korea (South)
STOLT MERRICK ... .. 1952	11113	PAN	s. tanker	Broken up ... ..	Pakistan
SUERTE ... .. 1957	10661	LIB	s. cargo	Broken up ... ..	Pakistan
SUNCLIPPER ... .. 1954	11737	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
T.S. MCEWEN ... .. 1925	792	SAF	s. tug	Scuttled ... ..	Off South Africa

*Continued*

JUNE 1977

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
THIRESSIA VENIZELOS ... .. 1959	21322	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
THOMAS HEYWARD ... .. 1942	7228	USA	s. cargo	Scuttled ... ..	Off United States of America
TIDESURGE ... .. 1956	13732	GBI	s. tanker	Broken up ... ..	Spain
TOKIDO ... .. 1933	267	DEN	m. cargo	Condemned ... ..	Denmark
TYBEE ... .. 1944	1117	USA	m. tug	Broken up ... ..	United States of America
UNION AMERICA ... .. 1951	7451	PAN	s. cargo	Broken up ... ..	Taiwan, Province of
VARDHINI ... .. 1948	2216	IND	s. cargo	Broken up ... ..	India
VERDI ... .. 1951	13226	ITL	m. passenger & cargo	Broken up ... ..	Italy
VOLKHOVGES ... .. 1956	5080	USR	m. cargo	Broken up ... ..	Spain
WAPELLO ... .. 1953	30626	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
WELFARE No. 1 ... .. 1952	6603	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
WORLD ENTERPRISE ... .. 1953	21284	LIB	s. tanker	Broken up ... ..	Greece

## ADDITIONAL INFORMATION

ADRIANA AUGUSTA, 20383 tons gross steam tanker, built 1957, ITL flag. Reported broken up in Italy in 1976.

CERRAZADE, 7604 tons gross steam passenger and cargo ship, built 1945, TRK flag. Reported broken up in Turkey in 1976.

ESKIMO, 153 tons gross wooden motor sealer, built 1949, NOR flag. Reported broken up in Norway in 1976.

ETRUSK, 3090, tons gross steam passenger and cargo ship, built 1938, TRK flag. Reported broken up in Turkey in 1976.

LEONID KRASIN, 1840 tons gross steam cargo ship, built 1913, USR flag. Reported broken up in the U.S.S.R. in 1964.

MASLINOVAC, 399 tons gross motor tanker, built 1951, YUG flag. Reported broken up in Yugoslavia in 1970.

MIGUEL A., 145 tons gross steam trawler, built 1927, SPN flag. Reported broken up in Spain in 1967.

TIRHAN, 3090 tons gross steam passenger and cargo ship, built 1939, TRK flag. Reported broken up in Turkey in 1976.

UKI, 525 tons gross motor dredger, built 1923, AST flag. Reported converted for use as a lighter in Australia in 1960.

ZOE COLOCOTRONI, 15899 tons gross motor tanker, built 1953, GRC flag. Reported broken up in Spain in 1976.

**IMPORTANT.**—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 3rd May, 1978.

# LLOYD'S REGISTER OF SHIPPING

## CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,  
DURING THE QUARTER ENDED 30th SEPTEMBER, 1977  
(as reported up to 31st March, 1978)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up.

Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

**NOTE:** *It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 30th September, 1977".*

*Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS*

71, FENCHURCH STREET, LONDON, EC3M 4BS

April, 1978

TABLE 1—SHIPS TOTALLY LOST, BROKEN DOWN BY FLAG

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1977		Foundered		Missing		No.
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
BAHAMAS	109	106,317	...	...	...	...	...
BELGIUM	271	1,595,489	...	...	...	...	...
CANADA	1,283	2,822,948	...	...	1	359	...
CAYMAN ISLANDS	106	123,787	...	...	...	...	1
CHILE	143	405,971	...	...	...	...	...
CUBA	315	667,518	...	...	...	...	...
CYPRUS	800	2,787,908	1	958	...	...	...
DENMARK	1,407	5,331,165	...	...	...	...	...
ECUADOR	55	197,244	...	...	...	...	1
FIJI	33	10,879	1	291	...	...	...
FRANCE	1,327	11,613,859	...	...	...	...	...
GREECE	3,344	29,517,059	...	...	...	...	1
INDIA	566	5,482,176	...	...	...	...	...
INDONESIA	1,032	1,163,173	...	...	...	...	2
IRAN	193	1,002,061	...	...	...	...	...
ITALY	1,690	11,111,182	1	500	...	...	...
IVORY COAST	59	115,717	...	...	...	...	...
JAPAN	9,642	40,035,853	...	...	...	...	...
KOREA (SOUTH)	1,042	2,494,724	4	9,998	...	...	...
LEBANON	163	227,009	...	...	...	...	...
LIBERIA	2,617	79,982,968	...	...	...	...	...
MALAYSIA	179	563,666	...	...	...	...	...
MOROCCO	91	270,295	...	...	...	...	...
NETHERLANDS	1,254	5,290,360	1	1,271	...	...	...
NORWAY	2,738	27,801,471	...	...	...	...	...
PAKISTAN	84	475,600	...	...	...	...	...
PANAMA	3,267	19,458,419	5	16,381	...	...	1
PORTUGAL	350	1,281,439	...	...	...	...	1
SAUDI ARABIA	119	1,018,713	...	...	...	...	...
SINGAPORE	872	6,791,398	...	...	...	...	1
SOUTH AFRICA	297	476,324	...	...	...	...	...
SPAIN	2,726	7,186,081	...	...	...	...	1
TURKEY	448	1,288,282	...	...	...	...	...
U.S.S.R.	8,167	21,438,291	...	...	...	...	...
UNITED KINGDOM	3,432	31,646,351	...	...	...	...	...
UNITED STATES OF AMERICA	4,740	15,299,681	4	884	...	...	...
<b>WORLD TOTAL</b>	<b>67,945</b>	<b>393,678,369</b>	<b>17</b>	<b>30,283</b>	<b>1</b>	<b>359</b>	<b>9</b>

The percentage proportion of the world fleet totally lost during the September Quarter, 1977, was 0.08% of ships and 0.03% of gross tonnage.

SEPTEMBER 1977

OKEN  
TC., DURING THE THIRD QUARTER 1977

Cause	Collision		Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag
	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross		
...	...	...	...	...	...	...	...	...	1	12,721	BAHAMAS
...	...	...	...	...	...	...	...	...	1	104	BELGIUM
...	...	...	...	...	...	...	1	359	...	...	CANADA
...	...	...	...	...	...	...	1	2,109	...	...	CAYMAN ISLANDS
...	...	...	...	...	...	...	1	106	...	...	CHILE
...	...	1	106	...	...	...	...	...	2	14,216	CUBA
...	...	2	2,839	...	...	...	4	6,677	1	2,641	CYPRUS
...	2,880	1	368	...	...	...	1	368	...	...	DENMARK
...	...	...	...	...	...	...	1	219	...	...	ECUADOR
...	...	...	...	...	...	...	1	291	...	...	FIJI
...	...	1	243	...	...	...	1	243	...	...	FRANCE
...	...	1	24,119	...	...	...	2	32,803	10	117,532	GREECE
...	...	...	...	...	...	...	...	...	4	25,666	INDIA
...	...	...	...	...	...	...	2	4,511	...	...	INDONESIA
...	...	...	...	...	...	...	...	...	1	21,464	IRAN
...	...	...	...	...	...	...	1	500	7	126,248	ITALY
...	...	...	...	...	...	...	...	...	1	10,916	IVORY COAST
...	2,554	1	199	...	...	...	5	2,753	1	90,438	JAPAN
...	...	1	183	...	...	...	5	10,181	...	...	KOREA (SOUTH)
...	...	...	...	...	...	...	...	...	1	10,787	LEBANON
...	...	1	20,421	...	...	...	1	20,421	26	524,480	LIBERIA
...	...	1	119	...	...	...	1	119	...	...	MALAYSIA
...	...	1	247	...	...	...	1	247	...	...	MOROCCO
...	...	...	...	...	...	...	1	1,271	1	12,143	NETHERLANDS
...	...	3	1,178	1	163	...	4	1,341	...	...	NORWAY
...	...	...	...	...	...	...	...	...	1	8,553	PAKISTAN
2,911	10,535	1	3,583	...	...	...	8	33,496	16	173,680	PANAMA
...	...	...	...	...	...	...	1	1,820	...	...	PORTUGAL
...	...	1	4,793	...	...	...	1	4,793	...	...	SAUDI ARABIA
7,111	...	...	...	...	...	...	1	7,133	2	19,918	SINGAPORE
...	...	...	...	...	...	...	...	...	1	551	SOUTH AFRICA
...	...	...	...	...	...	...	1	207	...	...	SPAIN
...	149	...	...	...	...	...	1	149	3	18,443	TURKEY
...	...	...	...	...	...	...	...	...	5	25,582	U.S.S.R.
...	...	...	...	...	...	...	...	...	10	41,215	UNITED KINGDOM
...	...	...	...	...	...	...	4	884	3	20,178	UNITED STATES OF AMERICA
<b>27,477</b>	<b>16,118</b>	<b>16</b>	<b>58,398</b>	<b>1</b>	<b>163</b>	<b>51</b>	<b>133,001</b>	<b>98</b>	<b>1,277,476</b>		<b>WORLD TOTAL</b>

0.3% of the proportion of the world fleet broken up etc., not consequent upon casualty was 0.14% of ships and 0.32% of tonnage.



## STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

## EXPLANATIONS OF CONTRACTIONS

## FLAG

ALB = Albania	ELS = El Salvador	JAM = Jamaica	QAT = Qatar
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GHA = Ghana	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GIB = Gibraltar	MDV = Maldives Islands	SUD = Sudan
BRN = Bahrain	GRC = Greece	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRE = Grenada	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GUA = Guatemala	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUI = Guinea	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUY = Guyana	MTA = Malta	THA = Thailand
CAY = Cayman Islands	HAI = Haiti	NHB = New Hebrides	TON = Tonga
CHL = Chile	HKG = Hong Kong	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HON = Honduras	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HUN = Hungary	NOR = Norway	TUN = Tunisia
CMN = Cameroon	ICL = Iceland	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	IDA = Indonesia	NZL = New Zealand	URG = Uruguay
CON = Congo	IND = India	PAK = Pakistan	USA = United States of America
COS = Costa Rica	IRN = Iran	PAN = Panama	USR = U.S.S.R.
CUB = Cuba	IRP = Irish Republic	PAR = Paraguay	VEN = Venezuela
CYP = Cyprus	IRQ = Iraq	PER = Peru	VNM = Vietnam
CZE = Czechoslovakia	ISR = Israel	PHI = Philippines	YAR = Yemen Arab Republic
DEN = Denmark	ITL = Italy	PNG = Papua New Guinea	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	IVC = Ivory Coast	POL = Poland	YUG = Yugoslavia
ECU = Ecuador		PTG = Portugal	ZAI = Zaire
EGY = Egypt			

## DESCRIPTION

c = Composite  
f = Ferro-concrete  
gt = Gas Turbine

irn = Iron  
m. = Motorship  
rp = Reinforced plastic

s. = Steamship  
(T) = Oil Tanker  
w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

## Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
DONG WON No. 56 ... 1963	257	KRS	m. fishing	... ..	...	Sprang leak and sank N.W. of Singapore in lat. 01 40N., long. 104 45E.	26th Aug.
EVANGELISTRIA IV ... 1959	1228	PAN	m. stern trawler	... ..	...	Capsized and sank at Abadan.	1st Aug.
GALATEA ... .. 1947	500	ITL	m. cargo	Marina di Carrara—Tunis	Marble	Sprang leak and sank 10 miles off Porto Vecchio.	9th July
GREAT TIDE ... .. 1965	189	USA	m. supply	Abidjan—Santander	Ballast	In lat. 10 38N., long. 17 05W.	27th Aug.
JUNG KEUM No. 3 ... 1973	561	KRS	m. cargo	Osaka—Masan	Scrap	Off Mutsure Lighthouse in lat. 34 16 24N., long. 130 24 00E., in heavy weather.	16th Sept.
KEN LUNG ... .. 1948	11502	PAN	m. bulk carrier	Visakhapatnam—Singapore	Pig iron	Sprang leak and sank off the Andaman Islands in lat. 12 01 30N., long. 92 37 30E., in heavy weather.	3rd July

Continued

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
KYRIAKI ... 1925	958	CYP	m. cargo	Greece— Saudi Arabia	General	Off Alexandria.	8th Aug.
MARY LUCILLE ... 1958	438	USA	m. fishing	... ..	...	110 miles off San Diego in lat. 30 45N., long. 116 45W.	8th Aug.
MAY CRUISER ... 1969	2983	PAN	m. cargo	Kobe— Hong Kong	General	Sprang leak and sank in East China Sea in lat. 30 30N., long. 125 30E., in heavy weather.	10th Sept.
NAM HAI No. 208 ... 1965	159	KRS	m. fishing	... ..	...	Sprang leak and sank in lat. 03 45S., long. 179 44E., after engine failure in heavy weather.	17th Aug.
OCEAN DRAGON ... 1957	9021	KRS	m. cargo	Busan—Iran	Cement in bags	In South China Sea in approximately lat. 17 31N., long. 117 30E., after taking water in holds.	31st Aug.
PACIFIC SURF ... 1969	134	USA	m. fishing	... ..	...	Sprang leak and sank 65 miles off Cordova, Alaska.	11th July
RHINOCEROS ... —	268	PAN	m. fishing	... ..	...	220 miles S. of Jamaica in lat. 14 00N., long. 77 55W.	17th July
SOVEREIGN OF THE SEA 1973	123	USA	m. fishing	... ..	...	S.E. of Newfoundland in lat. 43 35N., long. 52 00W., after taking water in heavy weather.	29th Aug.
SUPERIOR PRODUCER F.A. 1957	400	PAN	m. cargo	Willemstad— Pampatar	General	Off Willemstad after developing heavy list.	30th Sept.
TABILAI ... 1971	291	FIJ	m. landing craft	Suva—Vanua Mbalavu	Earth moving equipment	Capsized and sank off Vanua Mbalavu Island.	31st Aug.
TELANA ... 1967	1271	NTH	m. cargo	Workington— Lisbon	Steel rails	Capsized and sank 50 miles S. of the Isles of Scilly in lat. 49 10N., long. 06 45W., after cargo shifted.	5th Aug.

## Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CAPE ROYAL ... 1964	359	CAN	m. trawler	... ..	...	Sailed from Burgeo on 9th August for Marystown and not since heard of.	...

## Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BUKIT BARISAN ... 1960	2315	IDA	m. ferry	At Merak	...	Caught fire at Merak; subsequently towed 2 miles out to sea and sank on 9th September.	8th Sept.
CAYMAN TRADER ... 1950	2109	CAY	m. cargo	At Kingston	Lumber	Extensively damaged by fire at Kingston; subsequently towed out of harbour and beached 3 miles S.W. of Plumb Point and broke up.	13th Aug.

Continued

SEPTEMBER 1977

## Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
EASTERN EXPLORER 1966	2997	PAN	m. cargo	Kobe—Manila	General	Caught fire 240 miles E. of the Province of Taiwan in lat. 23 48N., long. 125 40E.; subsequently towed to Naha and thence to Kogushi and broken up.	13th July
LANZADA ... .. 1958	207	SPN	m. trawler	... ..	...	Sank after explosion off Tan Tan, Southern Morocco.	14th July
LIRA ... .. 1957	7133	SNG	m. cargo	Penang— Rotterdam	General	Sank after explosion and fire N.W. of the Maldiv Islands in lat. 07 30N., long. 71 32E.	17th Aug.
OSCAR MIGUEL ... 1973	219	ECU	m. trawler	... ..	...	Caught fire and sank off Manta, Ecuador.	10th Sept.
PAULINA ... .. 1951	8684	GRC	m. cargo	At Banjul	Ballast	Extensively damaged by fire and explosion in engine room at Banjul; subsequently towed to Santander, sold and broken up.	20th Aug.
SUMBER TUNAS II ... 1954	2196	IDA	m. cargo	Surabaya— Timor Dili	General	Caught fire off Timor Dili and taken in tow; subsequently sank in lat. 08 29 50S., long. 125 36 30E., on 20th September.	19th Sept.
VASCO D'OREY ... 1961	1820	PTG	m. trawler	... ..	...	Caught fire after explosion in engine room at St. John's, Newfoundland; subsequently towed out of port and beached off Spriggs Point and burnt out.	29th Sept.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
DAIYU MARU No. 8 ... 1974	498	JPN	m. cargo	Muroran— Nagoya	Steel bars	Sank after collision with WAKAHIDE MARU No. 18 off Miyako in fog.	5th July
KOKYO MARU ... 1969	499	JPN	m. cargo	Osaka— Tomakomai	Steel	Sank after collision with STAINLESS MARU No. 2 (T) off N.E. Honshu in lat. 39 27N., long. 142 06E., in fog.	5th July
MEIHO MARU ... 1975	1258	JPN	m. cargo	Kainan—Yunun	Steel products	Sank after collision with NORLANDA off Cheju in lat. 34 01N., long. 126 35E., in fog.	30th July
MUREFTE ... .. 1972	149	TRK	m. cargo	Piræus—Galatz	Sand	Sank after collision with GEORGIOS TSIRIS off Bosphorus exit to the Black Sea in fog.	10th Sept.
OSWEGO TARMAC ... 1944	10535	PAN	m. tanker	At Curaçao	Bitumen	Damaged by collision with ELEKTRA (T) at Curaçao; subsequently towed to Santander, sold and broken up.	29th July
TAKATOYO MARU No. 2 1972	299	JPN	m. fishing	... ..	...	Damaged by collision with MYOJIN MARU No. 1 in the Indian Ocean; subsequently sank in lat. 41 10S., long. 102 00E., on 8th September.	7th Sept.
TARA E. ... .. 1958	2880	CYP	m. cargo	Huelva— Ghazaouet	Cement	Sank after collision with IZ (T) in Tangier harbour entrance in lat. 35 47 18N., long. 05 46 58W.	4th Sept.

## Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ABHA ... .. 1945	4793	SAU	m. cargo	—Mogadiscio	General	At Hobyo in lat. 05 45N., long. 48 49E.	8th Aug.
AMIRAL ... .. 1972	247	MOR	m. trawler	... ..	...	N. of Tarfaya.	4th Sept.
ANTIPOLIS ... .. 1959	24119	GRC	s. tanker	Piræus—Province of Taiwan	Ballast	At Oudekraal, 10 miles S. of Cape Town, after breaking tow in heavy weather.	28th July
ARANUI ... .. 1945	243	FRA	m. cargo	Papeete—Tuamotu Archipelago	General	On reef off Marutea Atoll in heavy weather.	15th Sept.
BACCHIS ... .. 1950	2494	CYP	m. cargo	Volos—Gizan	Cement in bags	At Shab Ashrafi in lat. 27 49 36N., long. 33 39 00E.	9th Aug.
CEANG ... .. 1956	420	NOR	m. cargo	Helle—Bergen	Sand & shingle	Stranded and sank at Knarholmen, Bokn.	16th Aug.
DONG HWA No. 303 ... 1964	183	KRS	m. fishing	... ..	...	On reef in lat. 18 35S., long. 177 51E; subsequently extensively damaged by fire.	16th July
FUKUJU MARU ... 1967	199	JPN	m. cargo	Mizushima—Sakai	Steel plates	Stranded and sank at Ie Shima in Harima Nada; subsequently refloated, towed to Sakoshi near Aioi and broken up.	6th Sept.
HENON... .. 1949	3583	PAN	m. cargo	Colombo—Karachi	General	S.E. of Karachi in lat. 23 39N., long. 67 51E., in heavy weather.	8th Sept.
PESCAMAR II... .. 1965	106	CHL	m. trawler	... ..	...	At Valparaiso in lat. 33 01S., long. 71 37W., after breaking moorings in heavy weather; subsequently broken up.	10th July
ROMELIA ... .. 1959	20421	LIB	s. tanker	Piræus—Province of Taiwan	Ballast	At Llandudno, 15 miles S. of Cape Town after breaking tow in heavy weather; subsequently broke in two.	28th July
RYOY ... .. 1960	298	NOR	m. cargo	Glomfjord—Steinkjaer	Fertilizer	Stranded and sank off Bronnoysund.	15th Sept.
SIN HOCK PENG ... 1972	119	MAL	m. cargo	Miri—Limbang	General	Struck unidentified object and sank off Kuala Baram.	17th Aug.
SIRENA... .. 1939	345	CYP	m. cargo	Warri—	...	Struck submerged object and sank in lat. 10 35N., long. 15 42W.	16th Aug.
SIVAL ... .. 1958	368	DEN	m. cargo	Gothenburg—Malmo	Steel	Stranded and sank 15 miles S. of Gothenburg in lat. 57 25 00N., long. 11 49 09E., in heavy weather.	6th Sept.
TORE HUND ... .. 1969	460	NOR	m. cargo	N. Norway—Svelgen	General	Stranded and sank off Trolleboflu, Maaløysund.	17th Sept.

## Lost

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SANTO ... .. 1961	163	NOR	w.m. cargo	... ..	...	Crushed by ice and sank E. of Scoresbysund.	29th Aug.

## REINSTATE

SEA LION, 6504 tons gross motor cargo ship, built 1953, GRC flag. Reported burnt on page 60 of the March Quarterly Casualty Return, 1976. Since reported repaired and replaced in commission as SKYRIAN WAVE.

## ADDITIONAL INFORMATION

- AGELOS RAPHAEL, 13359 tons gross motor bulk carrier, built 1964, LIB flag. Reported stranded off Lauzon, Quebec, on 22nd December, 1976, whilst in tow; subsequently refloated, taken to Brownsville, sold and broken up.
- AMORUSO QUINTO, 1236 tons gross motor stern trawler, built 1970, ITL flag. Reported damaged by fire off Crotone on 3rd October, 1975; towed to Crotone and thence to Bari and Brindisi, sold and broken up.
- APOLLONIAN WAVE, 20800 tons gross steam tanker, built 1958, GRC flag. Reported wrecked off Mimizan on 2nd December, 1976; subsequently broke in two.
- ASTYANAX, 6156 tons gross motor cargo ship, built 1956, GRC flag. Reported damaged by fire at Abidjan on 24th December, 1976; subsequently scuttled 8 miles off Abidjan on 18th November, 1977.
- BEATRIX, 4677 tons gross steam cargo ship, built 1953, PAN flag. Reported struck quay at Tekirdag on 17th October, 1976; subsequently taken to Venice and thence to Split, sold and broken up.
- DAR 155, 106 tons gross motor fishing vessel, built 1968, POL flag. Reported foundered off Darlowo in lat. 54 28 34N., long. 16 22 42E., on 17th January, 1976; subsequently raised and broken up.
- E. W. EDWARDS, 189 tons gross wooden motor fishing vessel, built 1901, USA flag. Reported foundered in lat. 37 00 54N., long. 76 03 18W., on 26th August, 1969.
- EPIC COLOCOTRONIS, 37469 tons gross motor ore/oil carrier, built 1965, GRC flag. Reported extensively damaged by fire 60 miles N.W. of Puerto Rico in lat. 19 16N., long. 67 55W., on 13th May, 1975, having previously sustained hull damage; subsequently towed to Aruba and thence to Kaohsiung, sold and broken up.
- FLAMING HEARTH, 109 tons gross wooden motor cargo ship, built 1956, USA flag. Reported burnt at Field Point Circle, Greenwich Ct., on 15th May, 1972.
- FUNG KUO No. 72, 168 tons gross motor fishing vessel, built 1967, CHT flag. Reported wrecked off Suvorov Islands on 3rd September, 1976.
- HANS B., 450 tons gross motor tanker, built 1952, PAN flag. Reported damaged by fire off Nieuport on 25th August, 1973; subsequently towed to Dunkirk and thence to Havre and broken up.
- HWA HSING No. 51, 164 tons gross motor fishing vessel, built 1974, CHT flag. Reported wrecked off Ceram Island, Banda Sea, in lat. 03 00S., long. 131 46E., on 18th August, 1975.
- ILLEX, 313 tons gross motor cargo ship, built 1918, CAN flag. Reported foundered at Bay Roberts on 4th December, 1974; subsequently raised and scuttled in lat. 47 37N., long. 52 05W.
- JAYALAKSHMI, 3332 tons gross motor cargo ship, built 1960, IND flag. Reported beached after fire at Muscat on 17th August, 1974, refloated and taken to Diego Suarez where further damaged by fire on 4th October, 1976; subsequently converted for use as a non-propelled floating warehouse.
- JUNG KEUM No. 5, 941 tons gross motor cargo ship, built 1944, KRS flag. Reported foundered off Uljin on 14th August, 1976.
- KURA, 3560 tons gross motor cargo ship, built 1960, USSR flag. Reported lost in lat. 60 12 52N., long. 27 40 08E., on 31st October, 1976.
- KWANG IL No. 1, 380 tons gross motor fishing vessel, built 1962, KRS flag. Reported foundered in lat. 34 30N., long. 131 30W., on 25th July, 1976.
- MAURITANIA 5, 100 tons gross motor fishing vessel, built 1974, JPN flag. Reported wrecked off Nouadhibou in lat. 20 53 49N., long. 17 02 23W., on 30th June, 1976.
- MECCA, 3858 tons gross motor passenger and cargo ship, built 1950, SAU flag. Reported burnt off Jeddah on 18th December, 1976; subsequently stranded and sank in lat. 21 20N., long. 39 06E., on 20th December, 1976.
- NIMBROS, 2995 tons gross motor cargo ship, built 1968, GRC flag. Reported damaged by fire in lat. 27 15S., long. 41 40E., on 22nd June, 1976; subsequently towed to Durban, sold and broken up.
- NOTRE DAME, 199 tons gross wooden motor fishing vessel, built 1945, USA flag. Reported foundered 80 miles W. of Cape San Lucas, Baja California, on 1st June, 1965.
- PAKRI, 478 tons gross motor cargo ship, built 1951, USSR flag. Reported wrecked in the Gulf of Finland on 20th November, 1975.
- PAVILION BEACH, 150 tons gross wooden motor fishing vessel, built 1942, USA flag. Reported foundered 4 miles N.E. of Jeffery Buoy in lat. 43 10N., long. 70 06W., on 2nd November, 1974.
- SEA-PREME, 497 tons gross motor cargo ship, built 1952, USA flag. Reported wrecked in lat. 23 09 05N., long. 109 29 00W., on 26th April, 1975.

Continued

ADDITIONAL INFORMATION—*continued*

SILVER CRANE, 5836 tons gross motor cargo ship, built 1968, PAN flag. Reported caught fire in engine room in lat. 06 35N., long. 78 00E., on 29th August, 1976, and stranded at Great Nicobar Island; subsequently refloated, towed to Singapore and converted for use as a non-propelled barge.

STAVRONIKITA, 4029 tons gross motor cargo ship, built 1956, GRC flag. Reported damaged by explosion and fire in lat. 15 25N., long. 58 08W., on 26th August, 1976; subsequently towed to Barbados, sold; to be scuttled for use as an artificial fish reef.

STOLT ARGO, 10699 tons gross motor tanker, built 1956, LIB flag. Reported caught fire in engine room 1 mile off Isabelle de Sagua, Cuba, on 7th October, 1976, and anchored in lat. 23 08N., long. 80 11W., touching bottom; subsequently refloated, towed to Brownsville, sold and broken up.

TIMBERJACK, 574 tons gross motor tug, built 1945, PAN flag. Reported sunk during hostilities in the Mekong River in February, 1975.

TITKA, 34056 tons gross motor tanker, built 1964, GRC flag. Reported damaged by fire in lat. 37 00N., long. 12 18E., on 30th July, 1976; subsequently towed to Pylos thence to Valencia, sold and broken up.

TOKUSIN MARU, 170 tons gross wooden motor cargo ship, built 1956, JPN flag. Reported foundered off Yanai on 15th September, 1976.

TRADEWINDS, 142 tons gross motor supply ship, built 1943, USA flag. Reported foundered 10 miles S. of Fort de France, Martinique, on 4th December, 1974.

**TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.  
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER**

Flag	No.	Tons gross	Place of Disposal	No.	Tons Gross
Bahamas ... ..	1	12,721	Belgium ... ..	1	104
Belgium ... ..	1	104	China, People's Republic of... ..	38	691,352
Cuba ... ..	2	14,216	Taiwan, Province of ... ..		
Cyprus ... ..	1	2,641	Colombia ... ..	2	11,001
Greece ... ..	10	117,532	Germany, Federal Republic of ... ..	1	12,679
India ... ..	4	25,666	Greece... ..	1	3,286
Iran ... ..	1	21,464	Hong Kong ... ..	4	21,795
Italy ... ..	7	126,248	India ... ..	4	25,666
Ivory Coast ... ..	1	10,916	Italy ... ..	6	85,553
Japan ... ..	1	90,438	Korea (South) ... ..	2	53,871
Lebanon ... ..	1	10,787	Pakistan ... ..	5	39,596
Liberia ... ..	26	524,480	Panama ... ..	1	12,495
Netherlands ... ..	1	12,143	Portugal ... ..	1	746
Pakistan ... ..	1	8,553	South Africa ... ..	1	551
Panama ... ..	16	173,680	Spain ... ..	12	207,062
Singapore ... ..	2	19,918	Turkey ... ..	3	18,443
South Africa ... ..	1	551	U.S.S.R. ... ..	1	7,290
Turkey ... ..	3	18,443	United Kingdom ... ..	10	43,539
U.S.S.R. ... ..	5	25,582	United States of America ... ..	3	20,178
United Kingdom ... ..	10	41,215	Yugoslavia ... ..	2	22,269
United States of America ... ..	3	20,178			
World Total ... ..	<b>98</b>	<b>1,277,476</b>	World Total ... ..	<b>98</b>	<b>1,277,476</b>

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ADRIANA FASSIO ... .. 1959	21064	ITL	s. tanker	Broken up ... ..	Italy
AGNI ... .. 1949	2641	CYP	m cargo	Broken up ... ..	Pakistan
AL-HILAL ... .. 1958	11737	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ALEXIS I ... .. 1951	2988	PAN	m. cargo	Broken up ... ..	Colombia
ANGELA VENIZELOS ... .. 1956	12230	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ANTONIETTA FASSIO ... .. 1961	36212	ITL	s. tanker	Broken up ... ..	Italy
ARIZPA... .. 1943	8673	USA	s. container	Broken up ... ..	United States of America
ATHENA ... .. 1956	10916	IVC	s. cargo	Broken up ... ..	Yugoslavia
ATLANTIC SPLENDOUR ... .. 1956	12721	BAH	m. bulk carrier	Broken up ... ..	Taiwan, Province of
ATLANTICO ... .. 1945	263	ITL	s. tug	Broken up ... ..	Italy
BARROW DEEP ... .. 1926	911	GBI	m. hopper barge	Broken up ... ..	United Kingdom
BAYOU ST. JOHN ... .. 1943	1117	USA	m. tug	Broken up ... ..	United States of America
BEN LOYAL ... .. 1958	296	GBI	m. trawler	Broken up ... ..	United Kingdom
BEN SCREEL ... .. 1957	293	GBI	m. trawler	Broken up ... ..	United Kingdom
BERING SEA ... .. 1959	25462	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
BETTY CONWAY ... .. 1943	14424	LIB	s. tanker	Broken up ... ..	Spain
BULK LEADER ... .. 1951	10787	LEB	m. ore carrier	Broken up ... ..	Taiwan, Province of
BURMAH JET... .. 1962	53338	LIB	s. tanker	Broken up ... ..	Spain
BURMAH ZIRCON ... .. 1961	53323	LIB	s. tanker	Broken up ... ..	Spain
CAPO MARIA ... .. 1954	12389	ITL	m. tanker	Broken up ... ..	Italy
CARLOS MANUEL DE CESPEDES 1943	7120	CUB	s. cargo	Broken up ... ..	Spain
CHAR HWA ... .. 1948	6750	PAN	m. cargo	Broken up ... ..	Taiwan, Province of

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
CHEVRON VENICE ... .. 1945	13991	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
CORONA DELTA ... .. 1954	11195	LIB	m. tanker	Broken up ... ..	United Kingdom
CORUH... .. 1945	7604	TRK	s. passenger & cargo	Broken up ... ..	Turkey
DESERT SONG ... .. 1958	27840	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
DMITRIY POZHARSKIY ... .. 1945	6498	USR	s. cargo	Broken up ... ..	Spain
DONIZETTI ... .. 1951	13226	ITL	m. passenger & cargo	Broken up ... ..	Italy
EBANI ... .. 1952	9376	GBI	m. cargo	Broken up ... ..	United Kingdom
EGERIA ... .. 1960	40695	ITL	s. ore/oil carrier	Broken up ... ..	Taiwan, Province of
EUROMARINER ... .. 1955	8013	GRC	m. cargo	Broken up ... ..	Colombia
EVGENIA NIARCHOS ... .. 1956	30158	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
FIONA JANE ... .. 1959	15913	LIB	m. tanker	Broken up ... ..	Korea (South)
FONG TAI ... .. 1957	3960	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
GALINI ... .. 1958	16357	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
GORKY ... .. 1955	8229	USR	m. tanker	Broken up ... ..	Hong Kong
GRAND INTEGRITY ... .. 1950	10863	LIB	m. bulk carrier	Broken up ... ..	Taiwan, Province of
GREAT POWER ... .. 1953	7615	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
GULF VENTURE ... .. 1950	7622	GBI	s. cargo	Broken up ... ..	Pakistan
HARICLIA VENIZELOS ... .. 1959	21356	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
HYDRA ... .. 1955	10197	GRC	m. tanker	Broken up ... ..	Spain
JASPER ... .. 1959	29141	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
JOHN DOCK ... .. 1934	551	SAF	s. tug	Broken up ... ..	South Africa
JOSEPH ... .. 1956	15802	GRC	s. tanker	Broken up ... ..	Spain
KADES ... .. 1939	3090	TRK	s. passenger & cargo	Broken up ... ..	Turkey
KALISTRATA ... .. 1957	11969	LIB	m. tanker	Broken up ... ..	Pakistan
KAMO ... .. 1958	7935	PAN	m. cargo	Broken up ... ..	Hong Kong
KATELYSIA ... .. 1954	12143	NTH	s. tanker	Broken up ... ..	Taiwan, Province of
KIM HOCK ... .. 1951	7631	SNG	m. passenger & cargo	Broken up ... ..	Taiwan, Province of
KINGSTON SAPPHIRE ... .. 1955	809	GBI	s. trawler	Broken up ... ..	United Kingdom
LAKMOS ... .. 1959	27462	GRC	s. tanker	Broken up ... ..	Taiwan, Province of
MACBETH ... .. 1957	810	GBI	s. trawler	Broken up ... ..	United Kingdom
MAHARANI ... .. 1948	3326	IND	s. cargo	Broken up ... ..	India
MALAM JABBA ... .. 1954	8553	PAK	m. cargo	Broken up ... ..	Pakistan
MANISA ... .. 1945	7749	TRK	s. passenger & cargo	Broken up ... ..	Turkey
MANTINIA ... .. 1958	21738	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
MEDITERRANEAN SEA ... .. 1953	18377	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
MEISEN MARU ... .. 1967	90438	JPN	s. tanker	Broken up ... ..	Taiwan, Province of
MISSION SANTA ANA ... .. 1944	10388	USA	s. tanker	Broken up ... ..	United States of America
MOHAMED REZA SHAH ... .. 1959	21464	IRN	s. tanker	Broken up ... ..	Taiwan, Province of

*Continued*

SEPTEMBER 1977



Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
MORGENSTER ... .. 1956	104	BLG	m. fishing	Broken up ... ..	Belgium
MOZAFFARI ... .. 1948	7024	IND	s. passenger & cargo	Broken up ... ..	India
NESTOR ... .. 1948	3286	GRC	s. cargo	Broken up ... ..	Greece
NORDIC LEADER ... .. 1958	26650	LIB	s. tanker	Broken up ... ..	Spain
OCEAN CHEMIST ... .. 1958	12679	LIB	s. chemical tanker	Broken up ... ..	Germany, Federal Republic of
OLYMPIC CHALLENGER ... .. 1960	37958	LIB	s. tanker	Broken up ... ..	Korea (South)
OLYMPIC DEFENDER ... .. 1954	18784	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ORSEOLO ... .. 1954	2399	ITL	s. tanker	Broken up ... ..	Italy
PABLOEVERETT ... .. 1952	3975	LIB	m. cargo	Broken up ... ..	Taiwan, Province of
RAMAIDA ... .. 1943	746	PAN	m. cargo	Broken up ... ..	Portugal
RESOLUTE COLOCOTRONIS ... 1958	13093	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
SAMUDRA DHAN ... .. 1944	7657	IND	s. cargo	Broken up ... ..	India
SAMUDRA USHA ... .. 1945	7659	IND	s. cargo	Broken up ... ..	India
SANTA ODILIA ... .. 1950	3920	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
SCHIVAGO ... .. 1956	8811	LIB	s. cargo	Broken up ... ..	Pakistan
SEA HERO ... .. 1949	3948	PAN	m. cargo	Broken up ... ..	Hong Kong
STOLT CONDOR ... .. 1958	12648	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
STOLT DRAGON ... .. 1957	16355	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
STRATHAIRLIE ... .. 1956	8345	GBI	m. cargo	Broken up ... ..	Taiwan, Province of
TANDHAN ... .. 1950	4876	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
TEXACO NEWCASTLE ... .. 1958	12478	GBI	s. tanker	Broken up ... ..	United Kingdom
THERMOPYLAI ... .. 1953	8995	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
TITAN ... .. 1947	1832	GRC	s. cargo	Broken up ... ..	Spain
TOPAZ ... .. 1962	29106	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
TREASURE COUNTRY ... .. 1940	1683	PAN	m. cargo	Broken up ... ..	Hong Kong
TROITSK ... .. 1958	1062	USR	m. cargo	Broken up ... ..	Spain
UNITED PROGRESS ... .. 1959	11507	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
VALL STAR ... .. 1960	12287	SNG	m. tanker	Broken up ... ..	Taiwan, Province of
VEHICULAR FERRYBOAT No. 4 ... 1938	275	GBI	m. ferry	Broken up ... ..	United Kingdom
VYGOZERO ... .. 1951	2503	USR	s. cargo	Broken up ... ..	Spain
WANETA ... .. 1952	29078	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
WELFARE No. 3 ... .. 1952	9566	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
WESTERN EAGLE ... .. 1943	14313	LIB	s. bulk carrier	Broken up ... ..	Spain
WORLD BEAUTY ... .. 1957	27901	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
YEMELYAN PUGACHYOV ... 1943	7290	USR	s. cargo	Broken up ... ..	U.S.S.R.
30 DE NOVIEMBRE ... .. 1945	7096	CUB	m. cargo	Broken up ... ..	United Kingdom

## Converted

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
<b>CAPTAIN VICTOR</b> ... .. 1955	12495	GRC	m. tanker	Converted for use as a storage facility and renamed <b>CHAPARRAL</b> .	Panama
<b>STELLA POLARIS</b> ... .. 1958	11353	LIB	s. passenger & cargo	Converted for use as a floating hotel.	Yugoslavia

## ADDITIONAL INFORMATION

**ABERDEEN FISHER**, 245 tons gross motor trawler, built 1958, GBI flag. Reported broken up in the United Kingdom in 1976.

**ACHILLET**, 31571 tons gross steam tanker, built 1963, GRC flag. Reported broken up in the Province of Taiwan in 1976.

**ALEXANDROS II**, 184 tons gross motor tug, built 1923, GRC flag. Reported broken up in Greece in 1976.

**ARMAVIR**, 2550 tons gross steam cargo ship, built 1954, USSR flag. Reported broken up in Japan in 1976.

**BARBRO**, 107 tons gross wooden motor cargo ship, built 1930, FIN flag. Reported broken up in Finland in 1976.

**BONITA**, 7194 tons gross steam cargo ship, built 1939, USA flag. Reported broken up in the Province of Taiwan in 1974.

**CARDAK**, 692 tons gross steam ferry, built 1941, TRK flag. Reported broken up in Turkey in 1974.

**CHIEN TI**, 114 tons gross steam tug, built 1931, ITL flag. Reported broken up in Italy in 1976.

**COMET**, 2987 tons gross steam tanker, built 1913, USA flag. Reported broken up in the United States of America in 1974.

**COSMO**, 183 tons gross motor cargo ship, built 1875, ITL flag. Reported broken up in Italy in 1975.

**DESTINY**, 17672 tons gross steam tanker, built 1954, LIB flag. Reported broken up in Greece in 1976.

**DOBROUDJA**, 295 tons gross motor cargo ship, built 1912, BUL flag. Reported broken up in Bulgaria in 1971.

**ECHO**, 135 tons gross wooden motor cargo ship, built 1905, NZL flag. Reported converted for use as a clubhouse in New Zealand in 1973.

**ELIZABETH**, 890 tons gross motor tanker, built 1931, USA flag. Reported dismantled in the United States of America in 1970.

**ENSGN**, 126 tons gross wooden motor fishing vessel, built 1942, USA flag. Reported broken up in the United States of America in 1976.

**ETRA SECONDA**, 290 tons gross motor tanker, built 1955, ITL flag. Reported broken up in Italy in 1974.

**EVER SURENESS**, 10208 tons gross steam cargo ship, built 1957, CHT flag. Reported broken up in the Province of Taiwan in 1975.

**F. A. VERDON**, 768 tons gross motor tanker, built 1938, USA flag. Reported broken up in the United States of America in 1976.

**GILDA**, 439 tons gross motor cargo ship, built 1937, ITL flag. Reported converted for use as a floating restaurant in Italy in 1975.

**HAI HUI**, 2372 tons gross motor tanker, built 1961, CHT flag. Reported broken up in the Province of Taiwan in 1976.

**HUMRICK**, 418 tons gross motor tug, built 1919, USA flag. Reported dismantled in the United States of America in 1976.

**IDEAL**, 116 tons gross wooden motor fishing vessel, built 1892, NOR flag. Reported dismantled and scuttled off Norway in 1976.

**IGNACIO ALLENDE**, 11307 tons gross steam tanker, built 1954, MEX flag. Reported broken up in Mexico in 1974.

Continued

SEPTEMBER 1977

ADDITIONAL INFORMATION—*continued*

- INBISAT, 255 tons gross steam ferry, built 1905, TRK flag. Reported broken up in Turkey in 1968.
- INSIRAH, 255 tons gross steam ferry, built 1905, TRK flag. Reported broken up in Turkey in 1967.
- JANIE SEDDON, 126 tons gross steam trawler, built 1901, NZL flag. Reported condemned in New Zealand prior to July, 1977.
- KALAMIS, 699 tons gross steam ferry, built 1928, TRK flag. Reported broken up in Turkey in 1967.
- KAMER, 327 tons gross steam ferry, built 1906, TRK flag. Reported broken up in Turkey in 1964.
- KANKAKEE, 9346 tons gross steam tanker, built 1942, USA flag. Reported broken up in the United States of America in 1976.
- KUN AN, 16039 tons gross motor tanker, built 1952, CHT flag. Reported broken up in the Province of Taiwan in 1975.
- LEA, 211 tons gross wooden motor cargo ship, built 1927, FIN flag. Reported converted for use as a house-boat in Finland in 1971.
- LIBBY ISLAND, 1117 tons gross motor tug, built 1943, USA flag. Reported broken up in the United States of America in 1971.
- MARIA-DEL-CORO-DOMINAGA, 150 tons gross motor trawler, built 1948, SPN flag. Reported broken up in Spain in 1971.
- MARITE MELNIKAYTE, 3816 tons gross steam cargo ship, built 1957, USR flag. Reported broken up in the U.S.S.R. in 1976.
- MIKIMIKI, 264 tons gross wooden motor tug, built 1929, USA flag. Reported dismantled in the United States of America in 1970.
- MUDANYA, 691 tons gross steam ferry, built 1940, TRK flag. Reported converted for use as a non-propelled accomodation ship in Turkey in 1974.
- NILSSEN JUNIOR, 110 tons gross wooden motor fishing vessel, built 1899, NOR flag. Reported dismantled and scuttled off Norway in 1973.
- NIMET, 122 tons gross steam ferry, built 1906, TRK flag. Reported broken up in Turkey in 1967.
- NORTHERN EAGLE, 701 tons gross steam trawler, built 1956, GBI flag. Reported broken up in the United Kingdom in 1976.
- OLYMPIC BROOK, 13709 tons gross steam tanker, built 1955, LIB flag. Reported broken up in the Province of Taiwan in 1976.
- PACIFIC, 890 tons gross motor tanker, built 1931, USA flag. Reported broken up in the United States of America in 1970.
- PIERLUIGI ALIBONI, 287 tons gross motor cargo ship, built 1895, ITL flag. Reported broken up in Italy in 1976.
- PUMA, 12198 tons gross steam tanker, built 1958, LIB flag. Reported broken up in the Province of Taiwan in 1976.
- RAGBET, 328 tons gross steam ferry, built 1907, TRK flag. Reported broken up in Turkey in 1967.
- SOVetskAYA GAVAN, 7176 tons gross steam cargo ship, built 1943, USR flag. Reported broken up in the U.S.S.R. in 1975.
- STEAMER, 105 tons gross steam tug, built 1913, GFR flag. Reported broken up in the Federal Republic of Germany in 1976.
- STOLKENHORN, 173 tons gross motor cargo ship, built 1931, GFR flag. Reported broken up in the Federal Republic of Germany in 1974.
- SURVEYOR, 491 tons gross motor tender, built 1937, GBI flag. Reported broken up in the United Kingdom in 1976.
- TARABYA, 122 tons gross steam ferry, built 1906, TRK flag. Reported broken up in Turkey in 1967.
- TARZINEVIN, 114 tons gross steam ferry, built 1903, TRK flag. Reported broken up in Turkey in 1967.
- THOMAS CURRELL, 218 tons gross motor trawler, built 1919, NZL flag. Reported dismantled in New Zealand in 1972.
- TIBURON, 278 tons gross steam trawler, built 1919, SPN flag. Reported broken up in Spain in 1970.
- TOA 1, 220 tons gross steam tug, built 1908, NZL flag. Reported broken up in New Zealand in 1976.
- VARTDALBUEN, 158 tons gross wooden motor fishing vessel, built 1943, NOR flag. Reported scuttled off Norway in 1975.

**Extract from the Society's Regulations:—**

"In providing services information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and howsoever caused of the Society its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses the Society's services or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expense thereby which is proved to have been due to any negligent act omission or error of the Society its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee (if any) charged by the Society for that particular service information or advice, or that part thereof which caused the loss."

**IMPORTANT.**—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 16th August, 1978.

# LLOYD'S REGISTER OF SHIPPING

## CASUALTY RETURN

**MERCHANT SHIPS TOTALLY LOST, BROKEN UP, Etc.,  
DURING THE QUARTER ENDED 31st DECEMBER, 1977  
(as reported up to 30th June, 1978)**

For the purpose of this Return, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has been subsequently broken up. Ships which have been declared constructive total losses but which are undergoing or have undergone repairs during the quarter do not appear in this Return.

*NOTE: It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Casualty Return for the quarter ended 31st December, 1977".*

*Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS*

71, FENCHURCH STREET, LONDON, EC3M 4BS

July, 1978

TABLE 1—SHIPS TOTALLY LOST, BRO

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1977		Foundered		Missing		No.
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
BELGIUM	271	1,595,489	...	...	...	...	...
BRAZIL	538	3,329,951	...	...	...	...	...
BULGARIA	186	964,156	...	...	...	...	...
CHILE	143	405,971	...	...	...	...	...
CHINA, PEOPLE'S REPUBLIC OF	622	4,245,446	...	...	...	...	...
TAIWAN, PROVINCE OF	443	1,558,713	2	420	...	...	...
CUBA	315	667,518	...	...	...	...	...
CYPRUS	800	2,787,908	1	1,880	...	...	2
DOMINICAN REPUBLIC	20	8,469	...	...	...	...	...
ECUADOR	55	197,244	...	...	...	...	...
FRANCE	1,327	11,613,859	...	...	...	...	...
GERMANY, FEDERAL REPUBLIC OF	1,975	9,592,314	1	480	...	...	...
GREECE	3,344	29,517,059	2	3,865	...	...	1
INDIA	566	5,482,176	...	...	...	...	...
ITALY	1,690	11,111,182	...	...	...	...	...
JAPAN	9,642	40,035,853	2	3,245	...	...	1
KOREA (SOUTH)	1,042	2,494,724	...	...	...	...	...
LEBANON	163	227,009	...	...	...	...	...
LIBERIA	2,617	79,982,968	...	...	...	...	...
MALDIVE ISLANDS	45	110,681	...	...	...	...	...
NORWAY	2,738	27,801,471	1	298	...	...	...
PAKISTAN	84	475,600	...	...	...	...	...
PANAMA	3,267	19,458,419	6	7,355	...	...	...
PHILIPPINES	504	1,146,529	1	2,304	...	...	...
SAUDI ARABIA	119	1,018,713	1	478	...	...	...
SINGAPORE	872	6,791,398	1	499	...	...	...
SOUTH AFRICA	297	476,324	...	...	...	...	...
SPAIN	2,726	7,186,081	2	503	...	...	...
UNITED ARAB EMIRATES	85	152,100	...	...	...	...	...
UNITED KINGDOM	3,432	31,646,351	3	5,042	...	...	...
UNITED STATES OF AMERICA	4,740	15,299,681	4	1,404	...	...	1
YUGOSLAVIA	459	2,284,526	...	...	...	...	1
<b>WORLD TOTAL</b>	<b>67,945</b>	<b>393,678,369</b>	<b>27</b>	<b>27,773</b>	...	...	<b>6</b>

The percentage proportion of the world fleet totally lost during the December Quarter, 1977, was 0·10% of ships and 0·05%

DECEMBER 1977

... DURING THE FOURTH QUARTER 1977

Tons Gross	Wrecked		Lost, etc.		Total Lost		Broken up, etc.		Flag
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	
...	...	...	...	...	...	...	4	550	BELGIUM
...	...	...	...	...	...	...	1	7,738	BRAZIL
...	...	...	...	...	...	...	2	13,662	BULGARIA
...	1	1,530	...	...	1	1,530	...	...	CHILE
...	2	306	...	...	4	726	...	...	CHINA, PEOPLE'S REPUBLIC OF TAIWAN, PROVINCE OF
...	...	...	...	...	...	...	1	3,265	CUBA
...	2	948	...	...	5	15,445	...	...	CYPRUS
...	1	100	...	...	1	100	...	...	DOMINICAN REPUBLIC
...	...	...	...	...	...	...	1	17,888	ECUADOR
...	...	...	...	...	...	...	3	71,811	FRANCE
...	...	...	...	...	3	1,116	2	14,369	GERMANY, FEDERAL REPUBLIC OF
636	8	39,178	...	...	11	44,082	4	37,033	GREECE
...	...	...	...	...	...	...	1	7,657	INDIA
...	...	...	...	...	...	...	4	36,536	ITALY
...	...	...	...	...	4	49,670	3	238,668	JAPAN
199	1	296	...	...	1	296	...	...	KOREA (SOUTH)
...	1	384	...	...	1	384	...	...	LEBANON
...	1	8,537	...	...	1	8,537	28	694,635	LIBERIA
...	...	...	...	...	...	...	3	7,133	MALDIVE ISLANDS
...	...	...	...	...	1	298	1	91,944	NORWAY
...	...	...	...	...	...	...	2	1,480	PAKISTAN
...	4	13,786	...	...	10	21,141	12	161,653	PANAMA
...	...	...	...	...	1	2,304	...	...	PHILIPPINES
3,152	1	2,399	...	...	3	6,029	...	...	SAUDI ARABIA
...	...	...	...	...	1	499	4	30,781	SINGAPORE
...	...	...	...	...	...	...	2	26,709	SOUTH AFRICA
...	2	599	...	...	4	1,102	4	17,981	SPAIN
...	...	...	...	...	...	...	1	5,064	UNITED ARAB EMIRATES
...	4	33,202	...	...	7	38,244	8	72,990	UNITED KINGDOM
...	1	115	...	...	6	1,717	5	40,944	UNITED STATES OF AMERICA
...	...	...	...	...	1	4,930	...	...	YUGOSLAVIA
3,987	29	101,380	...	...	66	198,150	96	1,600,491	WORLD TOTAL

3% of proportion of the world fleet broken up, etc., not consequent upon casualty was 0.14% of ships and 0.41% of tonnage.

## STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

## DETAILS OF CASUALTIES TABULATED ON PREVIOUS PAGE

## EXPLANATIONS OF CONTRACTIONS

## FLAG

ALB = Albania	ELS = El Salvador	JAM = Jamaica	QAT = Qatar
ALG = Algeria	ETH = Ethiopia	JOR = Jordan	RUM = Romania
ARG = Argentina	FAR = Faroe Islands	JPN = Japan	SAF = South Africa
AST = Australia	FIJ = Fiji	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIN = Finland	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FRA = France	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	GAB = Gabon	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAM = Gambia	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GBI = United Kingdom	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GDR = German Democratic Republic	LIB = Liberia	SPN = Spain
BLZ = Belize	GFR = Germany, Federal Republic of	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma		MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GHA = Ghana	MDV = Maldive Islands	SUD = Sudan
BRN = Bahrain	GIB = Gibraltar	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRC = Greece	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GRE = Grenada	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUA = Guatemala	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUI = Guinea	MTA = Malta	THA = Thailand
CAY = Cayman Islands	GUY = Guyana	NHB = New Hebrides	TON = Tonga
CHL = Chile	HAI = Haiti	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HKG = Hong Kong	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HON = Honduras	NOR = Norway	TUN = Tunisia
CMN = Cameroon	HUN = Hungary	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	ICL = Iceland	NZL = New Zealand	URG = Uruguay
CON = Congo	IDA = Indonesia	PAK = Pakistan	USA = United States of America
COS = Costa Rica	IND = India	PAN = Panama	USR = U.S.S.R.
CUB = Cuba	IRN = Iran	PAR = Paraguay	VEN = Venezuela
CYP = Cyprus	IRP = Irish Republic	PER = Peru	VNM = Vietnam
CZE = Czechoslovakia	IRQ = Iraq	PHI = Philippines	YAR = Yemen Arab Republic
DEN = Denmark	ISR = Israel	PNG = Papua New Guinea	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	ITL = Italy	POL = Poland	YUG = Yugoslavia
ECU = Ecuador	IVC = Ivory Coast	PTG = Portugal	ZAI = Zaire
EGY = Egypt			

## DESCRIPTION

c = Composite  
f = Ferro-concrete  
gt = Gas Turbine

irn = Iron  
m. = Motorship  
rp = Reinforced plastic

s. = Steamship  
(T) = Oil Tanker  
w = Wood

Note—Unless otherwise stated, all steamships and motorships were of steel construction

## Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AL JUBAIL III ... 1971	478	SAU	m. cargo	Marjan Field— Saffaniya	A crane, welding & diving equipment	12 miles off Rasas Saffaniya in heavy weather.	14th Nov
AOKI MARU No. 21... 1970	276	JPN	m. tug	... ..	...	Sprang leak while connected to pusher barge BD-3000 and sank in Tatarskiy Strait, W. of Central Sakhalin Island, in heavy weather.	7th Oct.
BALTIC EAGLE ... 1963	1562	GRC	m. cargo	Lisbon—Ponta Delgada	Fertilizer	Sprang leak, broke in two and sank 230 miles E. of the Azores in heavy weather.	7th Dec.
BOSTON SEA RANGER 1976	171	GBI	m. stern trawler	... ..	...	Struck by large wave and sank off Gwennap Head, Cornwall, in lat. 49 59 36N., long. 05 39 15W.	5th Dec.

Continued

DECEMBER 1977



## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
CHIN PENG No. 1 ... 1969	251	CHT	m. fishing	... ..	...	Off Kaohsiung in lat. 21 38N., long. 119 28E., in heavy weather.	2nd Dec.
COLONIA ... .. 1944	480	GFR	m. cargo	Boston, Lincs.— Bremen	Wheat	Off Terschelling in approximately lat. 53 27 06N., long. 04 24 24E., after developing list in heavy weather.	20th Nov.
DAY ISLAND ... .. 1943	863	USA	m. fishing	... ..	...	17 miles W. of Bullen Bay in lat. 12 15N., long. 69 12W.	7th Dec.
DUARD E. ... .. 1966	176	USA	m. tug	... ..	...	Off South Shore, St. Croix, Virgin Islands, while assisting a vessel to berth; subsequently raised and scuttled.	26th Nov.
EAGLE III ... .. 1956	400	PAN	m. cargo	Tayport— Bergen-op-Zoom	Stone	Sprang leak and listed 10 miles E. of the Tyne on 16th November; subsequently sank 6 miles S.E. of the Tyne in lat. 54 58 48N., long. 01 10 48W., whilst in tow.	17th Nov.
HANNE-BERIT ... 1961	298	NOR	m. cargo	Delfzijl—Vadheim	Salt	N. of Terschelling in lat. 53 53 30N., long. 04 49 30E., after cargo shifted in heavy weather.	31st Dec.
HERO ... .. 1972	4493	GBI	m. cargo	Esbjerg—Grimsby	Trailers & containers	In lat 54 21 25N., long. 06 53 28E., after taking water and listing in heavy weather.	13th Nov.
IMCO EXPLORER 2 1955	190	USA	m. water tanker	Dulac, La.— for oil rig	...	35 miles off Grand Isle, Louisiana.	5th Dec.
LAS MINAS ... .. 1946	1880	CYP	m. cargo	Chalkis, Euboea Is.—Saleef	Cement	Off the Egyptian coast of the Red Sea in heavy weather.	27th Dec.
LASARTE ... .. 1965	355	SPN	m. trawler	... ..	...	Off San Vicente de la Barquera, W. of Santander, in heavy weather.	8th Oct.
LORNA I ... .. 1954	4558	PAN	m. cargo	Durres—Sulina	Iron nickel ore	Last reported passed Bosphorus on 10th December and presumed to have foundered in the Black Sea in heavy weather.	— Dec.
MUNA ... .. 1969	203	PAN	m. cargo	Massawa— Hodeidah	Cement	Off Zubair Island, Red Sea, in approximately lat. 15 00N., long. 42 00E.	12th Dec.
NIMROD ... .. 1948	378	GBI	m. cargo	Whitstable— Leith	Stone	Off the Norfolk coast in lat. 53 14 24N., long. 01 10 36E., after cargo shifted in heavy weather.	14th Nov.
QUEEN OF PEACE ... 1942	214	PAN	m. ferry	Reggio Calabria— Limassol	...	N.W. of Benghazi, in heavy weather.	25th Nov.
RICO ... .. 1955	385	PAN	m. cargo	... ..	...	55 miles N.E. of Alexandria in approximately lat. 31 54 30N., long. 30 42 00E., after engine room flooded.	4th Oct.
ROYAL SAKURA ... 1957	1595	PAN	m. cargo	Kaohsiung— Kobe	Frozen food	In East China Sea in lat. 27 43N., long. 127 07E.	24th Nov.
SUAREZ IRIARTE ... 1975	148	SPN	w.m. trawler	... ..	...	Capsized and sank 8 miles N. of Ribadeo after catch shifted.	21st Dec.
TENSHO MARU ... 1969	2969	JPN	m. cargo	Sandakan— Osaka	Logs	At Shibushi Bay in lat. 31 22 48N., long. 131 13 12E., whilst at anchor after developing list following collapse of deck cargo.	28th Nov.
TEXAN ... .. 1911	175	USA	m. tug	... ..	...	50 miles E. of Cape Hatteras in heavy weather.	19th Dec.

Continued

DECEMBER 1977

## Foundered—continued.

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
TINA ... .. 1958	2303	GRC	m. cargo	Dakar—Belfast	Phosphates	In Bay of Biscay in lat. 45 27 00N., long. 07 39 30W., after developing list in heavy weather.	31st Oct.
UNION CRYSTAL ... 1965	499	SNG	m. cargo	Kilroot—Poole	Rock salt	Capsized and sank off St. Ives, Cornwall, in lat. 50 27N., long. 05 34W., after developing list in heavy weather.	16th Nov.
VLASONS-I ... .. 1948	2304	PHI	m. cargo	Port Irene— Manila	Logs	Off Aparri, N. Luzon, in heavy weather.	3rd Dec.
YU FONG No. 6 ... —	169	CHT	m. fishing	... ..	...	Sprang leak and sank off Sanchezmira, N. Luzon in approximately lat. 18 00N., long. 124 50E., after sustaining engine damage in heavy weather.	6th Nov.

## Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
BOCNA ... .. 1957	4930	YUG	s. cargo	At Matadi ...	Rails	Caught fire in boiler room; subsequently towed to Split, sold and broken up.	24th Dec.
MARY SUE ... .. 1973	198	USA	m. fishing	... ..	...	Caught fire in engine room E. of Catalina Island, California; subsequently sank on 10th October.	9th Oct.
MASSYS ... .. 1952	1820	CYP	m. cargo	Dakar—Lagos	General	Sank after explosion and fire in engine room W. of Conakry in lat. 09 14N., long. 14 58W.	7th Dec.
MATSUSHIMA MARU No. 3 ... .. 1964	46226	JPN	s. tanker	Negishi—Kiire	Ballast	Caught fire after explosion 30 miles S.S.E. of Murato Misaki in lat. 32 48N., long. 134 30E; towed to Innoshima and subsequently taken to Kaohsiung and broken up.	2nd Nov.
STELLA K. ... .. 1963	1039	GRC	m. cargo	Canada— Boulogne	Frozen herring filets & fishmeal	Caught fire in engine room in approximately lat. 50 00N., long. 22 05W., and last reported in lat. 48 45N., long. 22 06W; subsequently presumed to have foundered.	16th Dec.
UNILUCK ... .. 1956	10797	CYP	m. bulk carrier	Russia— Port Harcourt	Cement	Extensively damaged by fire in engine room whilst moored off Port Harcourt; subsequently beached 4 miles off Fouche Island Tower in lat. 04 18 30N., long. 06 57 18E.	15th Oct.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ATLAS ... .. 1976	296	GFR	m. tug	... ..	...	Sank after collision with KARLSHORST in the Nappstraumen off Vestvagoy, Lofoten Islands, whilst assisting with salvage operations; subsequently raised but sank off Balstad in lat. 68 02 39N., long. 13 34 18E., whilst in tow on 13th March, 1978.	27th Oct.

Continued

## Collision—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ELLA ... .. 1950	340	GFR	m. cargo	Mistley—Bremen	Wheat	Sank after collision with TOPAZ off Texel in lat. 53 06 30N., long. 04 17 31E.	16th Oct.
NAHED ... .. 1948	3152	SAU	m. livestock carrier	Jeddah—Dar es Salaam	Ballast	Sank after collision with EURO-CARRIER in Jeddah harbour in lat. 21 28 01N., long. 39 07 40E; subsequently dismantled.	30th Oct.
TENEI MARU No. 26 1970	199	JPN	m. sand carrier	Ie shima—Hannan	Gravel	Sank after collision with HOEI MARU No. 30 at W. entrance of Akashi Strait in lat. 34 40N., long. 135 10E., in fog.	8th Oct.

## Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AGIA ELENI ... .. 1937	980	GRC	m. cargo	At Rhodes ...	...	On rocks near mouth of Mandraki Port, Rhodes, after breaking moorings in heavy weather.	26th Nov.
ARIES ... .. 1946	392	SPN	m. cargo	Garrucha—La Puebla del Caraminal	Marble	Stranded and sank 2 miles off Santa Eugenia de Riveira after sustaining rudder failure.	7th Dec.
BLUE BELT ... .. 1950	2399	SAU	m. cargo	Jeddah—Port Sudan	Vehicles	Stranded on Saudi Reef, 50 miles N. of Port Sudan in lat. 20 13 30N., long. 37 16 30E; subsequently sank on 5th December.	2nd Dec.
CARMEN ... .. 1957	1530	CHL	m. cargo	Mazatlan—Guaymas	Cotton & lubrizol	Off Punta San Ignacio in lat. 25 36 00N., long. 109 23 30W.	12th Oct.
CHATON ... .. 1953	492	CYP	m. cargo	Lowestoft—Bilbao	Horse beans	At Haicabia, S.W. of Socoa in heavy weather; subsequently broke in two.	21st Nov.
CHRYSSOPIGI CROSS 1950	8201	PAN	m. cargo	Shanghai—Syria	Rice	On Alugla Rock, 2 miles S.W. of Galle in lat. 06 01N., long. 80 11E., in heavy weather; subsequently broke in two.	16th Oct.
CHYAU FENG No. 12 1970	105	CHT	w.m. fishing	... ..	...	On reef off Palikulo Point, Espiritu Santo Island in lat. 15 28 37S., long. 167 15 00E.	2nd Oct.
CONQUEROR ... .. 1965	1157	GBI	m. stern trawler	... ..	...	Off Penzer Point, Mounts Bay, in lat. 50 04N., long. 05 32W., in heavy weather.	27th Dec.
CUMULUS ... .. 1959	100	DOM	m. cargo	Christiansted, St. Croix—Venezuela	Heavy construction equipment	On White Horse Reef off St. Croix, in lat. 17 47 24N., long. 64 45 00W.	15th Oct.
DOMINO ... .. 1951	435	PAN	m. cargo	Boston—Quimper	Wheat	Stranded and sank 8 miles off Quimper, on Rochers Leuriou, S.E. of Ile aux Moutons, in heavy weather.	1st Nov.
DRYADES ... .. 1954	8251	GRC	m. cargo	Basrah—Volos	Ballast	Off Cape Oktonia, Euboea Island, in lat. 38 31N., long. 24 13E., in heavy weather; to be broken up.	4th Dec.
ELINOR VIKING ... .. 1974	122	GBI	m. trawler	... ..	...	Stranded and sank at Ve Skerries, Shetland Islands, in heavy weather.	9th Dec.
EMMANUEL C. ... .. 1959	10480	GRC	m. bulk carrier	Piræus—Montreal	Ballast	Stranded in St. Lawrence River off Ile d'Orleans; subsequently refloated, towed to Brownsville and sold for breaking up.	20th Dec.

Continued

DECEMBER 1977

## Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
HUEI SHENG No. 11 1967	201	CHT	m. fishing	... ..	...	Stranded N.E. of Madagascar in lat. 10 15S., long. 51 07E; subsequently refloated but sank due to flooding in lat. 08 29S., long. 47 49E., whilst in tow on 23rd November.	7th Nov.
KYRIAKI ... .. 1954	480	GRC	m. cargo	Volos— Thessaloniki	General	Off S. coast of Euboea Island in heavy weather.	11th Dec.
KYUNG JUN ... .. 1955	296	KRS	m. fishing	... ..	...	At entrance to Teshio River, N.W. Hokkaido; subsequently broken up.	10th Nov.
LADY ERA ... .. 1956	8109	GRC	m. cargo	Avonmouth— Port Cartier	Ballast	Off Port Cartier in lat. 50 00 48N., long. 66 50 48W., after dragging anchors in heavy weather.	1st Dec.
MAR TRES ... .. 1960	207	SPN	m. trawler	... ..	...	S. of Aglou, 80 miles off Agadir; subsequently reported broken up.	7th Oct.
NEWARK ... .. 1959	8537	LIB	m. cargo	Rotterdam— Tripoli, Libya	Bagged animal feed & ghee	Stranded at Caliusca Bank, Tripoli, Libya, in heavy weather; subsequently refloated and towed to Tripoli, thence to Villanueva y Geltru, sold and broken up.	25th Nov.
PAULINE H. HOLMES 1946	115	USA	m. tug	... ..	...	Off Ocean City, Md., after engine room flooded in heavy weather; subsequently sank on 19th December.	18th Dec.
RABUNION II ... 1948	384	LEB	m. cargo	Romania— Benghazi	Livestock	Off Saraylar Koyu, N. coast of Marmara Island, following steering failure; subsequently dismantled.	11th Dec.
RAFAELA ... .. 1952	2441	PAN	m. cargo	Hull—Antwerp	General in containers	Stranded on Haisborough Sand in lat. 52 53 30N., long. 01 44 00E., in heavy weather; subsequently refloated, taken to Antwerp, thence to Burcht and sold for breaking up.	24th Dec.
RIO DORO ... .. 1955	7790	GRC	m. cargo	Fredericia— Karachi	Super-phosphate	Stranded in lat. 55 53N., long. 10 51E., after steering failure; refloated and put back to Fredericia, subsequently towed to Bilbao and broken up.	5th Nov.
ROSS CANAVERAL ... 1963	805	GBI	m. trawler	... ..	...	Stranded off Godoy Island, W. of Aalesund; subsequently refloated, towed to Aalesund and subsequently to Middlesbrough and broken up.	15th Nov.
SAINT GEORGE I ... 1949	456	CYP	m. cargo	Laurium—Koper	General	At Alikes, N.E. Zakynthos Island; to be broken up.	11th Dec.
SEA CORAL ... .. 1951	500	GRC	m. cargo	Piræus—Cork	Clay	Off Cabo Raso in lat. 38 43 12N., long. 09 28 42W., in heavy weather; subsequently broke in two.	23rd Nov.
SUMMERBREEZE ... 1955	2588	GRC	s. cargo	Lisbon—Angra do Heroismo	Maize	Near Povoacao, S. coast of St. Michael's, Azores, after sustaining heavy weather damage; subsequently broke in two.	21st Dec.
SUN EAGLE ... .. 1970	2709	PAN	m. cargo	At Ulegorsk ...	Coal	Off Ulegorsk in lat. 49 05 45N., long. 142 01 34E., in heavy weather.	7th Oct.
TEXACO BRISBANE 1961	31118	GBI	s. tanker	Singapore— Kaohsiung	Ballast	Stranded on South Luconia Shoals in lat. 05 00N., long. 112 38E., after breaking tow; subsequently refloated, towed to Kaohsiung and broken up.	4th Dec.

**ADDITIONAL INFORMATION**

**CHARLES**, 283 tons gross wooden motor tug, built 1943, USA flag. Reported lost in Vietnam on 16th April, 1973.

**COMANCHE**, 498 tons gross motor tug, built 1942, USA flag. Reported lost in Vietnam on 16th April, 1973.

**PHOENIX**, 26085 tons gross steam tanker, built 1954, LIB flag. Reported damaged by explosion and fire off Dakar on 17th November, 1974; subsequently taken to Dakar and Lisbon and thence to Santander and broken up.

**TEGAK**, 463 tons gross motor cargo ship, built 1900, MAL flag. Reported damaged by fire at Singapore on 5th September, 1976; subsequently sold for breaking up.

**TABLE 2—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.  
NOT CONSEQUENT UPON CASUALTY DURING THE QUARTER**

Flag	No.	Tons Gross	Place of Disposal	No.	Tons Gross
Belgium	4	550	Belgium	4	550
Brazil	1	7,738	Brazil	1	7,738
Bulgaria	2	13,662	China, People's Republic of	47	1,230,974
Cuba	1	3,265	Taiwan, Province of		
Ecuador	1	17,888	Greece	1	7,234
France	3	71,811	Hong Kong	1	7,347
Germany, Federal Republic of	2	14,369	India	2	8,043
Greece	4	37,033	Italy	5	42,015
India	1	7,657	Korea (South)	1	12,805
Italy	4	36,536	Pakistan	13	65,164
Japan	3	238,668	Singapore	1	422
Liberia	28	694,635	Spain	14	173,653
Maldiv Islands	3	7,133	United Kingdom	2	15,953
Norway	1	91,944	United States of America	2	14,931
Pakistan	2	1,480	Yugoslavia	2	13,662
Panama	12	161,653			
Singapore	4	30,781			
South Africa	2	26,709			
Spain	4	17,981			
United Arab Emirates	1	5,064			
United Kingdom	8	72,990			
United States of America	5	40,944			
<b>World Total</b>	<b>96</b>	<b>1,600,491</b>	<b>World Total</b>	<b>96</b>	<b>1,600,491</b>

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
ADRONIE KAMIEL ... 1936	168	BLG	m. trawler	Broken up ...	Belgium
AFRICA SHELL ... 1956	12149	SAF	s. tanker	Broken up ...	Taiwan, Province of
ALFONSO ... 1953	2663	SPN	s. cargo	Broken up ...	Spain
ALIAKMON ... 1954	7234	GRC	s. cargo	Broken up ...	Greece
ALMIRANTE F. MORENO ... 1954	10403	SPN	m. tanker	Broken up ...	Spain
ALNAIR ... 1964	31330	LIB	s. tanker	Broken up ...	Taiwan, Province of
AMBOISE ... 1961	30971	FRA	s. tanker	Broken up ...	Spain
ANCIENT GIANT ... 1961	39949	LIB	m. tanker	Broken up ...	Taiwan, Province of
ANCRE D'ESPERANCE ... 1935	128	BLG	m. fishing	Broken up ...	Belgium
ANDRE ... 1936	136	BLG	m. trawler	Broken up ...	Belgium
ANGELIQUE ... 1959	15396	LIB	m. tanker	Broken up ...	Spain
ANNA ... 1957	25441	LIB	s. tanker	Broken up ...	Taiwan, Province of
ARCTIC SEA ... 1959	25463	LIB	s. tanker	Broken up ...	Taiwan, Province of
ARDA ... 1950	8322	BUL	m. tanker	Broken up ...	Yugoslavia
AROSA ... 1952	11516	GRC	m. tanker	Broken up ...	Taiwan, Province of
ATHENOULA ... 1959	28693	LIB	s. tanker	Broken up ...	Taiwan, Province of
AUTOMEDON ... 1948	7416	GBI	m. cargo	Broken up ...	United Kingdom
BENATTOW ... 1951	7576	GBI	s. cargo	Broken up ...	Taiwan, Province of
BENDORAN ... 1956	9932	GBI	s. cargo	Broken up ...	Taiwan, Province of
BENLOMOND ... 1957	9927	GBI	s. cargo	Broken up ...	Taiwan, Province of
BRABO ... 1948	118	BLG	m. trawler	Broken up ...	Belgium
BUSTARD 1 ... 1923	740	PAK	s. hopper barge	Broken up ...	Pakistan

Continued

DECEMBER 1977

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
CAPO ANDREA ... .. 1943	10606	ITL	s. tanker	Broken up ... ..	Italy
CHARITAS ... .. 1951	12569	ITL	m. tanker	Broken up ... ..	Italy
CHRISTOS ... .. 1956	7883	GRC	m. cargo	Broken up ... ..	Pakistan
CIUDAD DE ALICANTE ... .. 1930	2435	SPN	m. passenger & cargo	Broken up ... ..	Spain
CLEAR LAKE ... .. 1958	18576	LIB	s. ore carrier	Broken up ... ..	Taiwan, Province of
CORAL 1 ... .. 1960	40467	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
CRYSTAL KOBUS ... .. 1961	28686	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
DOM JOAO ... .. 1967	7738	BRZ	m. tanker	Broken up ... ..	Brazil
ECUADOR ... .. 1959	17888	ECU	m. tanker	Broken up ... ..	Taiwan, Province of
ELEANOR ... .. 1944	12805	LIB	m. bulk carrier	Broken up ... ..	Korea (South)
ESSO NICARAGUA ... .. 1958	21927	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
ESSO PARENTIS ... .. 1958	24522	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ESSO SPAIN ... .. 1962	49123	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
EURYMACHUS ... .. 1960	9472	PAN	s. cargo	Broken up ... ..	Taiwan, Province of
FABIOLA ... .. 1959	32125	FRA	m. tanker	Broken up ... ..	Taiwan, Province of
FERRYSHIP L ... .. 1954	6726	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
FORMICA ... .. 1946	136	ITL	w.m. cargo	Broken up ... ..	Italy
FU SHAN ... .. 1954	5661	PAN	s. cargo	Broken up ... ..	Taiwan, Province of
GEKKO MARU ... .. 1967	76641	JPN	m. tanker	Broken up ... ..	Taiwan, Province of
GEORGE EASTMAN ... .. 1943	7228	USA	s. cargo	Broken up ... ..	United States of America
GOLAR NIKKO ... .. 1966	53514	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
GOLDEN GULF ... .. 1954	6211	SNG	m. cargo	Broken up ... ..	Pakistan
GRAND PRIDE ... .. 1945	14417	LIB	s. bulk carrier	Broken up ... ..	Taiwan, Province of
GREIFFENFELS ... .. 1945	6312	GFR	m. cargo	Broken up ... ..	Pakistan
GULF UNITY ... .. 1955	5064	UAE	s. cargo	Broken up ... ..	Pakistan
GUNNERS KNOT ... .. 1945	3812	USA	m. cargo	Broken up ... ..	Taiwan, Province of
HELINDAS ... .. 1962	15522	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
HEMITROCHUS ... .. 1959	12265	GBI	s. tanker	Broken up ... ..	Taiwan, Province of
HENRY PHIPPS ... .. 1907	7703	USA	s. bulk carrier	Broken up ... ..	United States of America
HONESTY ... .. 1955	5479	PAN	m. cargo	Broken up ... ..	Italy
ITA ... .. 1902	2480	SPN	s. cargo	Broken up ... ..	Spain
J. H. TUTTLE ... .. 1943	11658	USA	s. tanker	Broken up ... ..	Taiwan, Province of
JASANKOA ... .. 1967	91944	NOR	s. tanker	Broken up ... ..	Taiwan, Province of
KATHARINA ... .. 1958	12935	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
KILLARNEY ... .. 1919	422	PAN	m. tug	Broken up ... ..	Singapore
KOTA MAJU ... .. 1947	4804	SNG	m. cargo	Broken up ... ..	Pakistan
LUIS ARCOS BERGNES ... .. 1950	3265	CUB	m. cargo	Broken up ... ..	Spain
MALDIVE BUILDER ... .. 1954	2499	MDV	s. cargo	Broken up ... ..	Pakistan
MALDIVE MERCHANT ... .. 1956	2135	MDV	s. cargo	Broken up ... ..	Pakistan
MOBIL DURBAN ... .. 1960	14560	SAF	s. tanker	Broken up ... ..	Taiwan, Province of

*Continued*

DECEMBER 1977

## Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
MYRTO ... .. 1959	10400	GRC	s. cargo	Broken up ... ..	Spain
NEVADA STANDARD ... .. 1945	10543	USA	s. tanker	Broken up ... ..	Taiwan, Province of
NORDIC MARINER ... .. 1957	26650	LIB	s. tanker	Broken up ... ..	Spain
NORTH EARL ... .. 1956	12402	LIB	m. tanker	Broken up ... ..	Spain
OCEAN EMPRESS ... .. 1954	2499	MDV	s. cargo	Broken up ... ..	Pakistan
OCEANIC LIBERTY ... .. 1952	12191	LIB	m. tanker	Broken up ... ..	Taiwan, Province of
ORIENT MERLION ... .. 1953	11616	SNG	m. tanker	Broken up ... ..	Taiwan, Province of
OSWEGO FREEDOM ... .. 1959	30492	LIB	s. ore/oil carrier	Broken up ... ..	Taiwan, Province of
PATRICIA ... .. 1955	386	PAN	m. cargo	Broken up ... ..	India
PAULINA ... .. 1943	14309	LIB	s. bulk carrier	Broken up ... ..	Taiwan, Province of
PERMINA SAMUDRA III ... .. 1958	25275	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
PERMINA SAMUDRA IX ... .. 1957	25267	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
PRESIDENT ANDRE BLANCHARD 1955	8715	FRA	m. tanker	Broken up ... ..	Spain
PRINCESS SOPHIE ... .. 1959	39191	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
REDSHANK I ... .. 1923	740	PAK	s. hopper barge	Broken up ... ..	Pakistan
ROSSINI ... .. 1951	13225	ITL	m. passenger & cargo	Broken up ... ..	Italy
ROTENFELS ... .. 1947	8057	GFR	m. cargo	Broken up ... ..	Pakistan
SAMUDRA RAKSHA ... .. 1944	7657	IND	s. cargo	Broken up ... ..	India
SEA CONDOR ... .. 1952	10902	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
SENTINEL ... .. 1946	8537	GBI	s. cable-layer	Broken up ... ..	United Kingdom
STRATHLAIRG ... .. 1951	7267	GBI	m. cargo	Broken up ... ..	Taiwan, Province of
STRATHLAUDER ... .. 1953	10070	GBI	s. cargo	Broken up ... ..	Pakistan
SUNNY DOLPHIN ... .. 1951	7347	PAN	m. cargo	Broken up ... ..	Hong Kong
SWAN ... .. 1948	9579	LIB	m. bulk carrier	Broken up ... ..	Spain
T. L. LENZEN ... .. 1960	24991	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
TASMAN SEA ... .. 1961	25500	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
TENKO MARU ... .. 1967	91085	JPN	s. tanker	Broken up ... ..	Taiwan, Province of
THEOTOKOS ... .. 1958	26650	LIB	s. tanker	Broken up ... ..	Spain
UNIVERSE LEADER ... .. 1956	51400	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
VASIL PETLESHKOV ... .. 1946	5340	BUL	m. cargo	Broken up ... ..	Yugoslavia
VITORIA ... .. 1955	11644	LIB	m. tanker	Broken up ... ..	Spain
YAMAJU MARU ... .. 1965	70942	JPN	m. tanker	Broken up ... ..	Taiwan, Province of
YANTI ... .. 1951	8150	SNG	m. cargo	Broken up ... ..	Pakistan
YVONNE ... .. 1952	15586	LIB	s. bulk carrier	Broken up ... ..	Taiwan, Province of



## CORRECTION

COMET, 2987 tons gross steam tanker, built 1913, USA flag. Reported broken up on page 41 of the September Quarterly Casualty Return, 1977. Details should read reported broken up in the United States of America in 1973.

## ADDITIONAL INFORMATION

ADELAIDE, 737 tons gross steam dredger, built 1910, AST flag. Reported broken up in Australia in 1975.

BASILAN, 7176 tons gross steam cargo ship, built 1944, USA flag. Reported broken up in the United States of America in 1972.

BIG STAR, 118 tons gross wooden motor fishing vessel, built 1943, USA flag. Reported dismantled and converted for use as a breakwater off the United States of America in 1975.

BURRA BRU, 450 tons gross steam hopper dredger, built 1956, AST flag. Reported scuttled off Australia in 1971.

CANNING, 200 tons gross steam tug, built 1954, GBI flag. Reported converted for use as a floating museum in the United Kingdom in 1976.

CAPE ARCHWAY, 6689 tons gross steam cargo ship, built 1944, USA flag. Reported broken up in the United States of America in 1975.

CAPE MARTIN, 6724 tons gross steam cargo ship, built 1944, USA flag. Reported broken up in the United States of America in 1975.

CRISTINA D'AMICO, 20693 tons gross steam tanker, built 1960, ITL flag. Reported broken up in the Province of Taiwan in 1976.

E. R. BAYER, 750 tons gross steam dredger, built 1926, AST flag. Reported broken up in Australia in 1974.

EDUARDO BENOT, 111 tons gross motor tug, built 1929, SPN flag. Reported broken up in Spain in 1970.

ELI WHITNEY, 7181 tons gross steam cargo ship, built 1942, USA flag. Reported broken up in the United States of America in 1974.

ELIZABETH C. BELLAMY, 7240 tons gross steam cargo ship, built 1943, USA flag. Reported broken up as BAHAM in the United States of America in 1973.

FIRMINO, 2677 tons gross steam cargo ship, built 1940, ITL flag. Reported broken up in Italy in 1972.

FISH HAWK, 283 tons gross wooden motor fishing vessel, built 1949, USA flag. Reported broken up in the United States of America in 1975.

FRANK, 445 tons gross motor fishing vessel, built 1940, NTH flag. Reported broken up in the Netherlands in 1972.

FRANK FLOWERS, 7263 tons gross steam cargo ship, built 1945, USA flag. Reported broken up in the United States of America in 1974.

GASPARE, 462 tons gross motor cargo ship, built 1921, ITL flag. Reported broken up in Italy in 1970.

GIOVANNI TERZO, 140 tons gross wooden motor cargo ship, built 1905, ITL flag. Reported broken up in Italy in 1969.

JAMES DAVIDSON, 8349 tons gross steam bulk carrier, built 1920, USA flag. Reported broken up in Spain in 1974.

KAPITAN VECHNIY, 137 tons gross motor tug, built 1923, USR flag. Reported broken up in the U.S.S.R. in 1968.

KOS 1, 254 tons gross steam whaler, built 1929, AST flag. Reported scuttled off Australia in 1971.

LASSEN, 8140 tons gross motor cargo ship, built 1940, USA flag. Reported broken up in the United States of America in 1976.

MARIA ONORATO, 489 tons gross motor cargo ship, built 1947, ITL flag. Reported broken up in Italy in 1975.

PLUTO, 178 tons gross iron steam tug, built 1886, ITL flag. Reported broken up in Italy in 1975.

ROBEL, 251 tons gross steam tug, built 1913, ITL flag. Reported broken up in Italy in 1968.

*Continued*

DECEMBER 1977

ADDITIONAL INFORMATION—*continued*

- ROSETTA, 109 tons gross motor trawler, built 1947, ITL flag. Reported broken up in Italy in 1973.
- ROSNY, 270 tons gross wooden motor cargo ship, built 1913, AST flag. Reported dismantled and scuttled off Tasmania in 1968.
- SAIPA SECONDA, 500 tons gross steam fishing vessel, built 1940, ITL flag. Reported broken up in Italy in 1970.
- SAN NICOLA DI BARI, 198 tons gross wooden motor cargo ship, built 1942, ITL flag. Reported broken up in Italy in 1973.
- SANDOVAL, 14534 tons gross motor tanker, built 1950, SOM flag. Reported broken up in Singapore in 1974.
- SANTA RITA TERZA, 776 tons gross motor tanker, built 1940, ITL flag. Reported broken up in Italy in 1974.
- SANYEI MARU, 2328 tons gross motor cargo ship, built 1964, JPN flag. Reported broken up in Japan 1973.
- SILURO, 138 tons gross wooden motor trawler, built 1944, ITL flag. Reported broken up in Italy in 1967.
- TEXAN, 13276 tons gross steam tanker, built 1946, USA flag. Reported broken up in the United States of America in 1976.
- TRINIDAD, 168 tons gross motor fishing vessel, built 1950, GBI flag. Reported broken up in the United Kingdom in 1975.
- TUHOE, 199 tons gross wooden motor cargo ship, built 1919, NZL flag. Reported converted for use as a floating art gallery in New Zealand in 1975.
- VENUS, 2935 gross tons motor tanker, built 1928, USA flag. Reported broken up in the United States of America in 1975.
- VOIKOV, 7247 tons gross steam cargo ship, built 1943, USSR flag. Reported converted for use as a non-propelled floating workshop in the U.S.S.R. in 1974.
- VOLOCHAYEVSK, 2022 tons gross steam cargo ship, built 1943, USSR flag. Reported broken up in the U.S.S.R. in 1973.
- WEST SHORE, 664 tons gross motor cargo barge, built 1910, USA flag. Reported broken up in the United States of America. in 1974.

**IMPORTANT.—This advance copy is forwarded on condition that the information contained herein shall not be published or broadcast before Wednesday, 1st November, 1978.**

# LLOYD'S REGISTER OF SHIPPING

## CASUALTY RETURN

STATISTICAL SUMMARY OF MERCHANT  
SHIPS TOTALLY LOST, BROKEN UP, Etc.

DURING

**1977**

*For the purpose of Lloyd's Register Casualty Returns, the term "Total Loss" refers to a merchant ship which, as a direct result of being a marine casualty, has ceased to exist, either by virtue of the fact that the ship is irrecoverable or has subsequently been broken up.*

*Ships which have been declared constructive total losses but which are undergoing, or have undergone repairs during the year are not included in this Summary, which is based on the quarterly returns of total losses etc. This Summary also includes ships not reported as total losses etc., when those returns were compiled (see pages 76 to 100).*

**NOTE:** *It is requested that quotation of any part of this publication should include acknowledgement to "Lloyd's Register of Shipping Statistical Summary of Casualties for 1977".*

*Enquiries should be addressed to The Secretary, Lloyd's Register of Shipping, 71, Fenchurch Street, London, EC3M 4BS.*

71, FENCHURCH STREET, LONDON, EC3M 4BS

September, 1978

# LLOYD'S REGISTER CASUALTY RETURNS

(Merchant Ships of 100 tons gross and upwards excluding non-propelled craft)

## SUMMARY OF TOTAL LOSSES DURING 1977

**Summary.** The total tonnage lost by the world fleet during 1977 (1,073,127 tons gross), was 82,982 tons less than during 1976 and is the second highest figure ever recorded. The number of ships lost (336) was nine less than the previous year. Tonnage lost in the burnt category increased substantially and included the ore/oil carrier "SILJESTAD" of 83,561 tons gross, the largest ship lost during the year. Small increases were recorded in the foundered and collision categories whilst tonnage wrecked decreased by almost half from the previous year's record figure.

	1977			1976		
	No.	Tons Gross	%Tons Lost	No.	Tons Gross	%Tons Lost
Foundered	129	197,424	(18.40)	111	165,159	(14.29)
Missing	3	7,969	(0.74)	6	54,182	(4.69)
Burnt	57	477,409	(44.48)	60	229,354	(19.84)
Collision	32	58,041	(5.41)	32	53,225	(4.60)
Wrecked	112	327,360	(30.50)	132	600,997	(51.98)
Lost, etc.	3	4,924	(0.46)	4	53,192	(4.60)
<b>TOTAL</b>	<b>336</b>	<b>1,073,127</b>	<b>(100.00)</b>	<b>345</b>	<b>1,156,109</b>	<b>(100.00)</b>
Broken up, etc.	914	6,093,071		734	6,614,651	

**Foundered.** The number of ships (129) which foundered during 1977 was eighteen more than the previous year. Over one-third of these vessels were over twenty years old. An increase of 32,265 tons gross in tonnage lost was recorded.

The largest ship lost was the Liberian tanker "IRENES CHALLENGE" of 21,069 tons gross, built in 1956.

**Missing.** Tonnage in this category totalled 7,969 tons gross during the year and included the Cypriot cargo ship "EUROBULKER" of 7,311 tons gross, which was last heard of in the Indian Ocean.

**Burnt.** Tonnage totally lost through fire during 1977 increased by 248,055 tons gross to 477,409 tons gross which is the highest figure ever recorded, being 145,902 tons gross more than the previous record figure of 331,507 tons gross recorded in 1973. Fifty-seven ships were lost during the year, three less than in 1976. Five tankers over 10,000 tons gross were lost and included the Liberian tanker "UNIVERSE DEFIANCE" of 51,319 tons gross, built in 1958. Two combination carriers were lost, one of which being the Norwegian ore/oil carrier "SILJESTAD" of 83,561 tons gross, built in 1970.

Total losses through fire during 1977 included fifteen ships which were in port.

Also in this category was the Norwegian wooden motor sealer "IS-OLA" of 171 tons gross, built in 1906, the oldest ship totally lost during the year.

**Collision.** Tonnage lost through collision increased by 4,816 tons gross from the previous year's figure, to a total of 58,041 tons gross. Thirty-two ships were lost during the year, the same number as in 1976.

The largest ship lost was the Panamanian tanker "OSWEGO TARMAC" of 10,535 tons gross, built in 1944.

At least eight of the vessels were involved in collision in bad visibility or fog.

**Wrecked.** Tonnage lost through stranding or striking rocks, sunken wrecks, etc., during 1977 fell by 273,637 tons gross from the previous year's record figure to a total of 327,360 tons gross. The number of ships lost (112) fell by twenty.

The largest ship wrecked was the British tanker "TEXACO BRISBANE" of 31,118 tons gross, built in 1961.

**Lost.** Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified. The 1977 figure comprises three ships of 4,924 tons gross.

**Distribution.** The geographical distribution of the total losses during the year is shown in map form on pages 72 to 75.

**Types.** The total number of 336 ships lost during 1977 included 19 oil tankers totalling 372,550 tons gross (35 per cent), 10 bulk carriers totalling 235,441 tons gross (22 per cent) and 82 fishing craft. One hundred and ninety-four general cargo ships were lost. Thirty-one ships were known to be in ballast.

**Size.** Fifty-three per cent of the ships lost were under 500 tons gross. The number of ships lost over 10,000 tons gross was twenty-three.

**Age.** Over seven per cent of all ships lost were less than five years old; 29 per cent were over twenty-five years of age.

**Registration.** Total losses to the following countries, whose merchant fleets total more than six million tons gross, are shown as a percentage of their registered tonnage, comparative figures for 1976 are indicated in brackets:—

Panama ... ..	1.02	(1.39)
Singapore... ..	0.60	(0.35)
Greece ... ..	0.49	(0.51)
Liberia ... ..	0.36	(0.48)
Norway ... ..	0.32	(0.04)
Japan ... ..	0.16	(0.19)
United Kingdom ... ..	0.13	(0.01)
Spain ... ..	0.10	(1.18)
United States of America ... ..	0.04	(0.14)
Sweden ... ..	0.04	(0.02)
U.S.S.R. ... ..	0.03	(0.05)
Germany, Federal Republic of ... ..	0.03	(0.05)
Italy ... ..	0.01	(0.05)
France ... ..	0.00	(0.01)
World ... ..	0.27	(0.31)

Other percentage losses by registration shown in Table 1 include:—

Cyprus ... ..	1.53	(2.51)
Indonesia... ..	1.01	(0.39)
Korea (South) ... ..	0.95	(0.65)
Taiwan, Province of ... ..	0.65	(0.66)
Philippines ... ..	0.37	(1.37)

A percentage comparison for a number of years can be obtained from Table 5.

Panama suffered the highest number of ships lost (54), whilst Liberia suffered the most tonnage (291,626 tons gross) lost.

#### BROKEN UP, ETC.

Tonnage broken up during 1977 fell by 521,580 tons gross from the previous year's record figure to 6,093,071 tons gross, which is the second highest figure ever recorded. The number of ships involved (914) was 180 more than during 1976 and is the highest number recorded since 1972.

Owing to continued depressed conditions in the shipping industry, there is no shortage of tonnage available for demolition. The slight fall in tonnage broken up in 1977 is merely a reflection of a reduced demand for scrap steel with a resultant fall in ship scrap prices.

Tanker tonnage disposed of (4,417,891 tons gross) amounted to nearly 73 per cent of the total tonnage sold for demolition. The average size of tanker broken up was 13,763 tons gross.

Four hundred and seven general cargo ships were broken up, an increase of 199 over the previous year's figure. Over 41 per cent of these ships were over twenty years old.

Countries sending most tonnage to the breakers were Liberia (2,223,355 tons gross), Panama (861,264 tons gross), Japan (552,002 tons gross), Greece (477,728 tons gross), United Kingdom (309,794 tons gross) and Italy (264,705 tons gross).

Seventy per cent of all tonnage broken up went to the Province of Taiwan and to Spain. Increased shares went to Pakistan and Italy.

The countries which constituted the main centres of disposal as compared with the previous year were as follows:—

	Tons Gross	Tons Gross
Taiwan, Province of ... ..	3,390,789	(3,472,739)
Spain ... ..	873,237	(1,273,622)
Pakistan ... ..	299,035	( 139,014)
Italy ... ..	229,489	( 156,282)
Korea (South)... ..	221,238	( 415,117)

The largest ships broken up during the year were the Norwegian tanker "JASANKOA" (91,944 tons gross, built in 1967) and the Japanese tankers "TENKO MARU" (91,085 tons gross, built in 1967) and "MEISEN MARU" (90,438 tons gross, built in 1967).

The oldest ship broken up during the year was the Norwegian ferry "TOURIST 1" (115 tons gross) which was built in 1898.

Flag	MERCHANT FLEETS AS RECORDED IN STATISTICAL TABLES 1977		Foundered		Missing		Burnt		Collision	
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross
ARGENTINA	401	1,677,169	...	...	...	...	...	...	...	...
AUSTRALIA	424	1,374,197	...	...	...	...	...	...	...	...
BAHAMAS	109	106,317	2	271	...	...	...	...	...	...
BELGIUM	271	1,595,489	...	...	...	...	...	...	...	...
BERMUDA	88	1,751,515	...	...	...	...	...	...	...	...
BRAZIL	538	3,329,951	...	...	...	...	...	...	...	...
BULGARIA	186	964,156	...	...	...	...	...	...	...	...
CANADA	1,283	2,822,948	2	8,954	1	359	1	211	...	...
CAYMAN ISLANDS	106	123,787	...	...	...	...	1	2,109	...	...
CHILE	143	405,971	...	...	...	...	...	...	...	...
CHINA, PEOPLE'S REPUBLIC OF	622	4,245,446	...	...	...	...	...	...	...	...
TAIWAN, PROVINCE OF	443	1,558,713	4	866	...	...	2	1,105	...	...
COLOMBIA	52	247,240	...	...	...	...	1	250	...	...
CUBA	315	667,518	...	...	...	...	...	...	...	...
CYPRUS	800	2,787,908	4	4,172	1	7,311	3	13,636	1	2,880
DENMARK	1,407	5,331,165	1	500	...	...	...	...	...	...
DOMINICAN REPUBLIC	20	8,469	...	...	...	...	...	...	...	...
ECUADOR	55	197,244	...	...	...	...	1	219	...	...
EGYPT	176	407,818	...	...	...	...	1	2,030	...	...
ETHIOPIA	18	23,989	1	495	...	...	...	...	...	...
FIJI	33	10,879	1	291	...	...	...	...	...	...
FINLAND	337	2,262,095	...	...	...	...	1	11,321	...	...
FRANCE	1,327	11,613,859	...	...	...	...	...	...	...	...
GERMAN DEMOCRATIC REPUBLIC	447	1,486,838	1	2,547	...	...	...	...	...	...
GERMANY, FEDERAL REPUBLIC OF	1,975	9,592,314	3	1,160	...	...	...	...	2	636
GHANA	79	182,696	...	...	...	...	...	...	...	...
GREECE	3,344	29,517,059	5	8,002	...	...	7	42,572	1	4,228
GUATEMALA	8	11,854	...	...	...	...	1	2,214	...	...
HONDURAS	63	104,903	2	849	...	...	...	...	...	...
INDIA	566	5,482,176	1	185	...	...	...	...	...	...
INDONESIA	1,032	1,163,173	3	2,501	...	...	3	4,684	1	3,953
IRAN	193	1,002,061	...	...	...	...	...	...	...	...
ITALY	1,690	11,111,182	1	500	...	...	1	492	...	...
IVORY COAST	59	115,717	...	...	...	...	...	...	...	...
JAPAN	9,642	40,035,853	14	7,268	1	299	2	46,726	10	4,363
KOREA (SOUTH)	1,042	2,494,724	8	18,608	...	...	...	...	3	2,378
LEBANON	163	227,009	1	500	...	...	...	...	...	...
LIBERIA	2,617	79,982,968	2	32,788	...	...	4	172,778	1	9,060
MALAYSIA	179	563,666	...	...	...	...	...	...	...	...
MALDIVE ISLANDS	45	110,681	...	...	...	...	...	...	1	3,678
MEXICO	311	673,964	...	...	...	...	...	...	...	...
MOROCCO	91	270,295	...	...	...	...	1	198	...	...
NETHERLANDS	1,254	5,290,360	1	1,271	...	...	...	...	...	...
NICARAGUA	30	34,588	...	...	...	...	1	473	...	...
NORWAY	2,738	27,801,471	5	1,463	...	...	4	84,282	1	165
PAKISTAN	84	475,600	...	...	...	...	...	...	...	...
PANAMA	3,267	19,458,419	25	77,268	...	...	8	48,887	3	15,831
PAPUA NEW GUINEA	64	16,217	...	...	...	...	...	...	...	...
PHILIPPINES	504	1,146,529	2	3,060	...	...	...	...	...	...
PORTUGAL	350	1,281,439	...	...	...	...	2	6,275	...	...
ROMANIA	207	1,218,171	...	...	...	...	...	...	1	1,283
SAUDI ARABIA	119	1,018,713	1	478	...	...	...	...	1	3,152
SENEGAL	75	28,044	...	...	...	...	...	...	...	...
SINGAPORE	872	6,791,398	3	5,607	...	...	4	30,067	...	...
SOMALI REPUBLIC	31	158,166	...	...	...	...	...	...	...	...
SOUTH AFRICA	297	476,324	2	600	...	...	2	496	...	...
SPAIN	2,726	7,186,081	7	4,434	...	...	3	618	2	246
SWEDEN	728	7,429,394	...	...	...	...	...	...	...	...
THAILAND	100	260,664	1	497	...	...	...	...	...	...
TRINIDAD & TOBAGO	42	17,192	2	358	...	...	...	...	...	...
TURKEY	448	1,288,282	...	...	...	...	...	...	1	149
U.S.S.R.	8,167	21,438,291	...	...	...	...	...	...	1	5,626
UNITED ARAB EMIRATES	85	152,100	...	...	...	...	...	...	...	...
UNITED KINGDOM	3,432	31,646,351	6	5,987	...	...	...	...	2	413
UNITED STATES OF AMERICA	4,740	15,299,681	16	4,945	...	...	2	836	...	...
URUGUAY	45	192,792	...	...	...	...	...	...	...	...
VENEZUELA	179	639,396	1	682	...	...	...	...	...	...
YUGOSLAVIA	459	2,284,526	1	317	...	...	1	4,930	...	...
<b>WORLD TOTAL</b>	<b>67,945</b>	<b>393,678,369</b>	<b>129</b>	<b>197,424</b>	<b>3</b>	<b>7,969</b>	<b>57</b>	<b>477,409</b>	<b>32</b>	<b>58,041</b>

		Total Lost		Percentage		Broken up, etc.		Percentage		Flag
No.	Tons Gross	No.	Tons Gross	of Ships	of Tonnage	No.	Tons Gross	of Ships	of Tonnage	
...	...	...	...	...	...	2	18,656	0.50	1.11	ARGENTINA
1	286	...	...	0.24	0.02	...	...	...	...	AUSTRALIA
3	420	...	...	2.75	0.40	1	12,721	0.92	11.97	BAHAMAS
...	...	...	...	...	...	8	1,054	2.95	0.07	BELGIUM
...	...	...	...	...	...	1	50,166	1.14	2.86	BERMUDA
...	...	...	...	...	...	3	12,157	0.56	0.37	BRAZIL
...	...	...	...	...	...	3	21,331	1.61	2.21	BULGARIA
4	9,524	...	...	0.31	0.34	2	2,967	0.16	0.11	CANADA
1	2,109	...	...	0.94	1.70	...	...	...	...	CAYMAN ISLANDS
3	7,928	...	...	2.10	1.95	1	18,154	0.70	4.47	CHILE
...	...	...	...	...	...	...	...	...	...	CHINA, PEOPLE'S REPUBLIC OF
11	10,108	...	...	2.48	0.65	8	83,691	1.81	5.37	TAIWAN, PROVINCE OF
1	250	...	...	1.92	0.10	...	...	...	...	COLOMBIA
...	...	...	...	...	...	3	17,481	0.95	2.62	CUBA
20	42,736	...	...	2.50	1.53	9	92,016	1.13	3.30	CYPRUS
3	1,016	...	...	0.21	0.02	2	403	0.14	0.01	DENMARK
1	100	...	...	5.00	1.18	...	...	...	...	DOMINICAN REPUBLIC
1	219	...	...	1.82	0.11	1	17,888	1.82	9.07	ECUADOR
1	2,030	...	...	0.57	0.50	...	...	...	...	EGYPT
1	495	...	...	5.56	2.06	...	...	...	...	ETHIOPIA
1	291	...	...	3.03	2.67	...	...	...	...	FIJI
1	11,321	...	...	0.30	0.50	1	888	0.30	0.04	FINLAND
2	486	...	...	0.15	0.00	4	104,537	0.30	0.90	FRANCE
1	2,547	...	...	0.22	0.17	2	3,218	0.45	0.22	GERMAN DEMOCRATIC REPUBLIC
7	2,516	...	...	0.35	0.03	4	32,901	0.20	0.34	GERMANY, FEDERAL REPUBLIC OF
25	144,569	...	...	0.75	0.49	1	618	1.27	0.34	GHANA
1	2,214	...	...	12.50	18.68	32	477,728	0.96	1.62	GREECE
2	849	...	...	3.17	0.81	2	4,201	3.17	4.00	GUATEMALA
4	10,620	...	...	0.71	0.19	9	63,107	1.59	1.15	HONDURAS
8	11,788	...	...	0.78	1.01	1	6,760	0.10	0.58	INDIA
3	1,388	...	...	0.18	0.01	2	31,910	1.04	3.18	INDONESIA
36	63,862	...	...	0.37	0.16	22	264,705	1.30	2.38	IRAN
17	23,585	...	...	1.63	0.95	1	10,916	1.69	9.43	ITALY
2	884	...	...	1.23	0.39	458	552,002	4.75	1.38	IVORY COAST
12	291,626	...	...	0.46	0.36	...	...	...	...	JAPAN
1	119	...	...	0.56	0.02	1	10,787	0.61	4.75	KOREA (SOUTH)
1	3,678	...	...	2.22	3.32	102	2,223,355	3.90	2.78	LEBANON
2	445	...	...	2.20	0.16	1	17,191	0.56	3.05	LIBERIA
1	1,271	...	...	0.08	0.02	5	13,417	11.11	12.12	MALAYSIA
1	473	...	...	3.33	1.37	1	1,747	0.32	0.26	MALDIVE ISLANDS
17	88,185	...	...	0.62	0.32	...	...	...	...	MEXICO
54	198,910	...	...	1.65	1.02	7	64,275	0.56	1.21	MOROCCO
1	139	...	...	1.56	0.86	...	...	...	...	NETHERLANDS
3	4,270	...	...	0.60	0.37	4	114,104	0.15	0.41	NICARAGUA
2	6,275	...	...	0.57	0.49	3	10,033	3.57	2.11	NORWAY
1	1,283	...	...	0.48	0.11	72	861,264	2.20	4.43	PAKISTAN
4	10,822	...	...	3.36	1.06	...	...	...	...	PANAMA
8	40,560	...	...	0.92	0.60	...	...	...	...	PAPUA NEW GUINEA
5	1,694	...	...	1.68	0.36	3	14,093	0.60	1.23	PHILIPPINES
18	7,312	...	...	0.66	0.10	1	23,306	0.29	1.82	PORTUGAL
1	2,999	...	...	0.14	0.04	...	...	...	...	ROMANIA
1	497	...	...	1.00	0.19	1	1,965	1.33	7.01	SAUDI ARABIA
2	358	...	...	4.76	2.08	9	72,836	1.03	1.07	SENEGAL
1	149	...	...	0.22	0.01	1	7,464	3.23	4.72	SINGAPORE
1	5,626	...	...	0.01	0.03	7	49,858	2.36	10.47	SOMALI REPUBLIC
15	40,321	...	...	0.44	0.13	12	52,142	0.44	0.73	SOUTH AFRICA
20	6,045	...	...	0.42	0.04	1	2,805	0.14	0.04	SPAIN
1	682	...	...	0.56	0.11	1	3,534	1.00	1.36	SWEDEN
2	5,247	...	...	0.44	0.23	...	...	...	...	THAILAND
1	682	...	...	0.56	0.11	6	37,290	1.34	2.89	TRINIDAD & TOBAGO
2	5,247	...	...	0.44	0.23	19	70,630	0.23	0.33	TURKEY
1	682	...	...	0.56	0.11	1	5,064	1.18	3.33	U.S.S.R.
1	682	...	...	0.56	0.11	44	309,794	1.28	0.98	UNITED ARAB EMIRATES
1	682	...	...	0.56	0.11	26	198,229	0.55	1.30	UNITED KINGDOM
1	682	...	...	0.56	0.11	1	21,619	2.22	11.21	UNITED STATES OF AMERICA
1	682	...	...	0.56	0.11	1	3,951	0.56	0.62	URUGUAY
1	682	...	...	0.56	0.11	1	142	0.22	0.01	VENEZUELA
1	682	...	...	0.56	0.11	1	142	0.22	0.01	YUGOSLAVIA
336	1,073,127	...	...	0.49	0.27	914	6,093,071	1.35	1.55	WORLD TOTAL

1977

## 2A—SIZE &amp; NUMBERS OF SHIPS TOTALLY LOST DURING 1977

HOW LOST	DIVISIONS OF TONS GROSS											TOTAL
	100 -499	500 -999	1,000 -1,999	2,000 -3,999	4,000 -5,999	6,000 -7,999	8,000 -9,999	10,000 -14,999	15,000 -19,999	20,000 -29,999	30,000 & ABOVE	
FOUNDERED	80	14	10	12	6	1	2	2	1	1	...	129
MISSING	2	...	...	...	...	1	...	...	...	...	...	3
BURNT	18	4	5	9	5	2	4	4	...	1	5	57
COLLISION	18	3	2	4	3	...	1	1	...	...	...	32
WRECKED	59	10	7	14	4	6	4	2	1	4	1	112
LOST, ETC.	1	...	...	2	...	...	...	...	...	...	...	3
<b>TOTAL LOST</b>	<b>178</b>	<b>31</b>	<b>24</b>	<b>41</b>	<b>18</b>	<b>10</b>	<b>11</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>6</b>	<b>336</b>

## SIZE &amp; NUMBERS OF SHIPS BROKEN UP, Etc., DURING 1977

BROKEN UP, ETC.	451	44	23	53	22	64	24	101	31	67	34	914
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## 2B—AGE &amp; NUMBERS OF SHIPS TOTALLY LOST DURING 1977

HOW LOST	DIVISIONS OF AGE								TOTAL
	UNDER 5 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30 YEARS & OVER		
FOUNDERED	11	20	32	13	16	8	26	129	
MISSING	1	...	2	...	...	...	...	3	
BURNT	4	5	10	7	11	11	8	57	
COLLISION	5	9	6	6	1	3	2	32	
WRECKED	4	8	20	17	23	20	19	112	
LOST, ETC.	...	...	...	1	1	...	1	3	
<b>TOTAL LOST*</b>	<b>25</b>	<b>42</b>	<b>70</b>	<b>44</b>	<b>52</b>	<b>42</b>	<b>56</b>	<b>336</b>	

\*Excluding five cases for which the year of build is not known.

## AGE &amp; NUMBERS OF SHIPS BROKEN UP, Etc., DURING 1977

BROKEN UP, ETC.*	1	15	182	312	180	85	137	914
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\*Excluding two cases for which the year of build is not known.

3—ANALYSIS OF PRINCIPAL TYPES TOTALLY LOST, BROKEN UP, Etc., DURING 1977

TYPE OF SHIP	How Lost												BROKEN UP, etc.			
	FOUNDERED		MISSING		BURNT		COLLISION		WRECKED		LOST					TOTAL
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross
TANKERS																
under 1,000 tons	1	497	...	...	1	690	...	...	2	1,144	...	...	4	2,331	117	37,986
1,000-9,999 tons	1	1,546	...	...	...	...	...	...	...	...	...	...	1	1,546	16	80,222
10,000-19,999 tons	1	18,372	...	...	1	11,321	1	10,535	1	15,184	...	...	4	55,412	90	1,210,676
20,000 tons and over	1	21,069	...	...	4	169,441	...	...	5	122,751	...	...	10	313,261	98	3,089,007
ORE/BULK CARRIERS																
under 6,000 tons	...	...	...	...	1	5,876	...	...	...	...	...	...	1	5,876	2	10,786
6,000-9,999 tons	...	...	...	...	...	...	1	9,060	...	...	...	...	1	9,060	6	47,380
10,000-19,999 tons	2	23,221	...	...	2	21,664	...	...	2	21,722	...	...	6	66,607	18	254,448
20,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
ORE/BULK/OIL CARRIERS																
under 20,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	55,440
20,000 tons and over	...	...	...	...	2	153,898	...	...	...	...	...	...	2	153,898	2	71,187
GENERAL CARGO																
under 1,000 tons	41	18,026	...	...	6	1,917	10	4,641	41	16,265	1	163	99	41,012	264	85,426
1,000-4,999 tons	24	65,866	...	...	16	43,124	8	25,316	22	59,544	2	4,761	72	198,611	53	148,298
5,000-6,999 tons	3	17,641	...	...	...	...	1	5,626	4	25,774	...	...	8	49,041	27	162,996
7,000-9,999 tons	1	9,021	1	7,311	5	40,378	...	...	7	55,800	...	...	14	112,510	51	403,743
10,000-12,999 tons	...	...	...	...	1	10,929	...	...	...	...	...	...	1	10,929	10	108,254
13,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	32,713
CONTAINER SHIPS																
under 2,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	42,306
PASSENGER & CARGO & PASSENGER	1	756	...	...	1	9,332	...	...	...	...	...	...	2	10,088	21	171,423
LIQUEFIED GAS CARRIERS	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	477
CHEMICAL TANKERS	...	...	...	...	...	...	1	361	...	...	...	...	1	361	7	15,466
FISHING (all types)																
under 500 tons	32	6,417	1	359	11	2,570	8	2,007	20	4,312	...	...	72	15,665	37	7,490
500-999 tons	1	863	...	...	3	1,963	...	...	2	1,403	...	...	6	4,229	6	4,503
1,000-1,999 tons	1	1,228	...	...	1	1,820	...	...	2	2,630	...	...	4	5,678	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2,960
TUGS, SALVAGE & SUPPLY	9	2,224	1	299	...	...	1	296	3	403	...	...	14	3,222	20	7,840
FERRIES	2	8,487	...	...	1	2,315	...	...	...	...	...	...	3	10,802	8	5,153
DREDGERS & AGGREGATES CARRIERS	1	197	...	...	...	...	1	199	...	...	...	...	2	396	33	15,965
OTHER TYPES	7	1,993	...	...	1	171	...	...	1	428	...	...	9	2,592	16	20,926
<b>TOTAL</b>	<b>129</b>	<b>197,424</b>	<b>3</b>	<b>7,969</b>	<b>57</b>	<b>477,409</b>	<b>32</b>	<b>58,041</b>	<b>112</b>	<b>327,360</b>	<b>3</b>	<b>4,924</b>	<b>336</b>	<b>1,073,127</b>	<b>914</b>	<b>6,093,071</b>

**4—ANALYSIS BY AGE OF PRINCIPAL TYPES BROKEN UP, Etc., DURING 1977**  
(Not consequent upon Casualty)

**1977**

TYPE OF SHIP	DIVISIONS OF AGE														TOTAL*	
	0-4 YEARS		5-9 YEARS		10-14 YEARS		15-19 YEARS		20-24 YEARS		25-29 YEARS		30 YEARS & OVER			
	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross	No.	Tons Gross
<b>TANKERS</b>																
under 1,000 tons	...	...	...	...	50	20,012	64	16,133	1	189	...	...	2	1,652	<b>117</b>	<b>37,986</b>
1,000-9,999 tons	...	...	...	...	2	8,852	1	3,087	7	44,890	1	8,322	5	15,071	<b>16</b>	<b>80,222</b>
10,000-19,999 tons	...	...	...	...	...	...	21	290,097	49	650,947	9	134,105	11	135,527	<b>90</b>	<b>1,210,676</b>
20,000 tons and over	...	...	...	...	14	760,955	59	1,708,563	23	568,058	2	51,431	...	...	<b>98</b>	<b>3,089,007</b>
<b>ORE/BULK CARRIERS</b>																
under 6,000 tons	...	...	...	...	...	...	...	...	2	10,786	...	...	...	...	<b>2</b>	<b>10,786</b>
6,000-9,999 tons	...	...	...	...	...	...	...	...	...	...	1	9,579	5	37,801	<b>6</b>	<b>47,380</b>
10,000-19,999 tons	...	...	...	...	...	...	1	18,576	5	73,536	3	37,236	9	125,100	<b>18</b>	<b>254,448</b>
20,000 tons and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>ORE/BULK/OIL CARRIERS</b>																
under 20,000 tons	...	...	...	...	...	...	...	...	3	43,810	1	11,630	...	...	<b>4</b>	<b>55,440</b>
20,000 tons and over	...	...	...	...	...	...	2	71,187	...	...	...	...	...	...	<b>2</b>	<b>71,187</b>
<b>GENERAL CARGO</b>																
under 1,000 tons	...	...	4	1,322	90	28,839	135	43,685	20	7,626	4	657	10	3,098	<b>263</b>	<b>85,227</b>
1,000-4,999 tons	...	...	...	...	1	1,200	3	5,227	19	51,121	15	48,904	15	41,846	<b>53</b>	<b>148,298</b>
5,000-6,999 tons	...	...	...	...	...	...	...	...	8	46,314	8	49,767	11	66,915	<b>27</b>	<b>162,996</b>
7,000-9,999 tons	...	...	...	...	...	...	2	17,407	14	117,467	17	135,633	18	133,236	<b>51</b>	<b>403,743</b>
10,000-12,999 tons	...	...	...	...	...	...	2	20,899	6	65,172	2	22,183	...	...	<b>10</b>	<b>108,254</b>
13,000 tons and over	...	...	...	...	...	...	1	15,522	1	17,191	...	...	...	...	<b>2</b>	<b>32,713</b>
<b>CONTAINER SHIPS</b>																
under 2,000 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,000 tons and over	...	...	...	...	...	...	...	...	1	16,983	...	...	3	25,323	<b>4</b>	<b>42,306</b>
<b>PASSENGER &amp; CARGO &amp; PASSENGER</b>																
...	...	...	...	...	...	...	3	45,428	2	14,314	7	67,483	9	44,198	<b>21</b>	<b>171,423</b>
<b>LIQUEFIED GAS CARRIERS</b>																
...	...	...	...	...	1	477	...	...	...	...	...	...	...	...	<b>1</b>	<b>477</b>
<b>CHEMICAL TANKERS</b>																
...	...	...	...	...	6	2,787	1	12,679	...	...	...	...	...	...	<b>7</b>	<b>15,466</b>
<b>FISHING (all types)</b>																
under 500 tons	...	...	5	690	5	829	7	1,704	9	2,392	4	852	7	1,023	<b>37</b>	<b>7,490</b>
500-999 tons	...	...	...	...	1	618	1	789	4	3,096	...	...	...	...	<b>6</b>	<b>4,503</b>
1,000-1,999 tons	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,000 tons and over	...	...	...	...	...	...	1	2,960	...	...	...	...	...	...	<b>1</b>	<b>2,960</b>
<b>TUGS, SALVAGE &amp; SUPPLY</b>																
...	...	...	3	477	2	368	...	...	1	347	1	102	13	6,546	<b>20</b>	<b>7,840</b>
<b>FERRIES</b>																
...	...	...	...	...	...	...	1	496	2	268	...	...	5	4,389	<b>8</b>	<b>5,153</b>
<b>DREDGERS</b>																
...	1	184	3	570	10	2,524	6	957	...	...	3	3,717	9	7,807	<b>32</b>	<b>15,759</b>
<b>OTHER TYPES</b>																
...	...	...	...	...	...	...	1	226	3	2,253	7	2,274	5	16,173	<b>16</b>	<b>20,926</b>
<b>TOTAL*</b>	<b>1</b>	<b>184</b>	<b>15</b>	<b>3,059</b>	<b>182</b>	<b>827,461</b>	<b>312</b>	<b>2,275,622</b>	<b>180</b>	<b>1,736,760</b>	<b>85</b>	<b>583,875</b>	<b>137</b>	<b>665,705</b>	<b>914</b>	<b>6,093,071</b>

\*Excluding two cases for which the year of build is not known.

## 5—STEAMSHIPS AND MOTORSHIPS TOTALLY LOST THROUGH CASUALTY 1971—1977

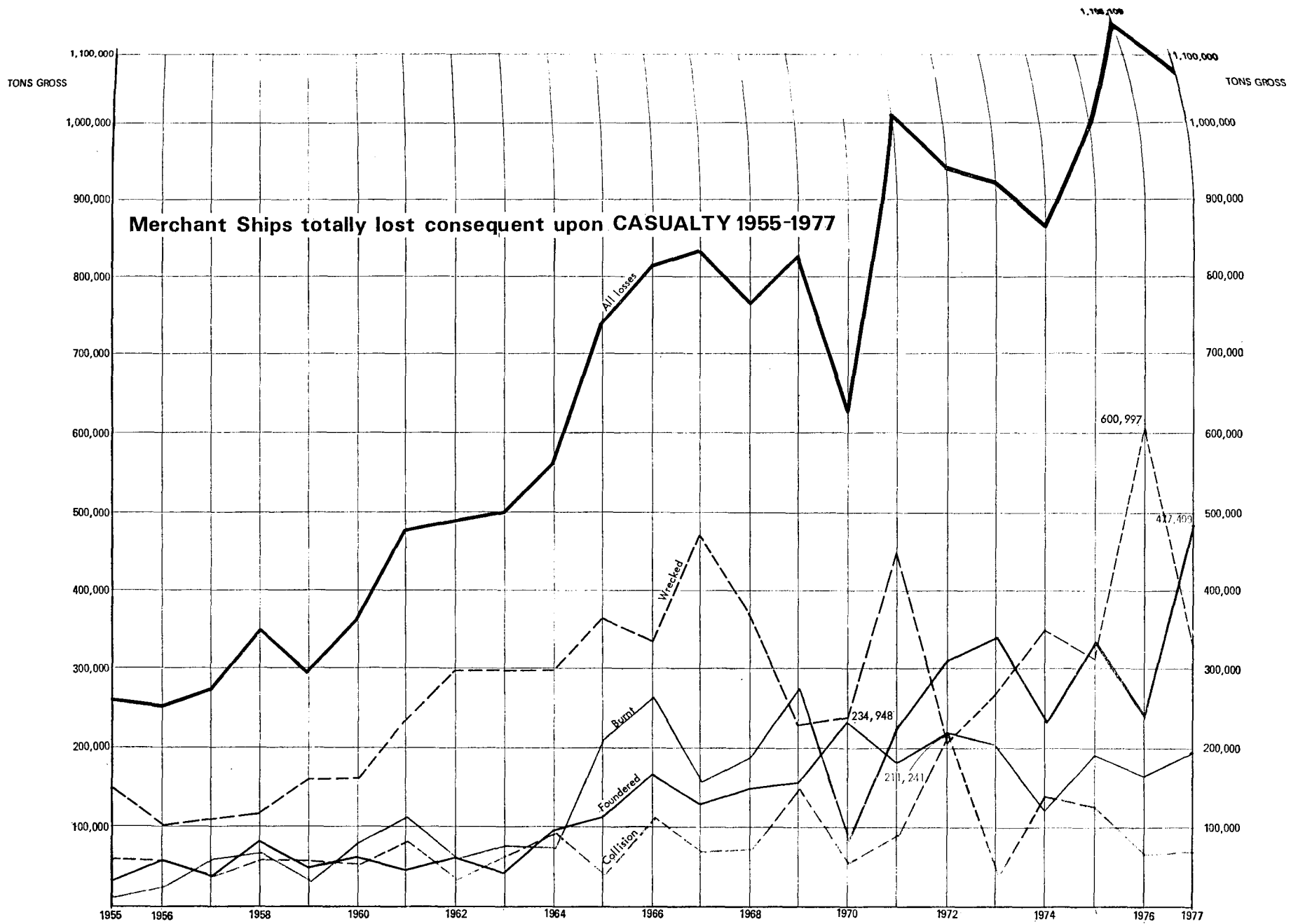
FLAG	1971			1972			1973			1974			1975			1976			1977		
	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent
ARGENTINA	...	...	...	...	...	...	1	111	0.01	1	617	0.04	2	6,646	0.46	...	...	...	...	...	...
AUSTRALIA	2	362	0.03	5	2,077	0.18	2	424	0.04	3	456	0.04	4	7,693	0.64	1	119	0.01	1	286	0.02
BELGIUM	...	...	...	1	118	0.01	1	3,701	0.32	1	418	0.03	2	236	0.02	...	...	...	...	...	...
BRAZIL	1	10,417	0.60	2	5,228	0.28	...	...	...	1	4,616	0.19	...	...	...	1	1,996	0.06	...	...	...
CANADA	12	4,777	0.20	15	13,095	0.55	7	2,618	0.11	9	22,898	0.93	5	1,146	0.05	9	3,758	0.14	4	9,524	0.34
CYPRUS	9	32,430	2.16	11	24,628	1.22	26	106,819	3.64	18	52,069	1.53	8	29,873	0.93	19	78,217	2.51	20	42,736	1.53
DENMARK	10	22,662	0.64	6	1,952	0.05	6	1,730	0.04	6	3,904	0.09	8	50,986	1.14	6	1,671	0.03	3	1,016	0.02
FINLAND	2	3,902	0.27	1	1,482	0.09	3	4,519	0.29	1	477	0.03	...	...	...	...	...	...	1	11,321	0.50
FRANCE	9	28,707	0.41	7	1,191	0.02	4	9,522	0.11	4	2,456	0.03	2	3,718	0.04	4	864	0.01	2	486	0.00
GERMAN DEMOCRATIC REPUBLIC	1	532	0.05	...	...	...	...	...	...	...	...	...	...	...	2	8,261	0.57	1	2,547	0.17	
GERMANY, FEDERAL REPUBLIC OF	7	10,300	0.12	14	9,411	0.11	9	3,913	0.05	8	24,228	0.30	8	7,199	0.09	8	4,303	0.05	7	2,516	0.03
GREECE	30	146,907	1.12	15	119,495	0.78	30	79,935	0.41	19	119,282	0.55	18	146,152	0.65	23	127,103	0.51	25	144,569	0.49
HONG KONG	4	19,527	3.41	...	...	...	...	...	...	1	1,401	0.52	...	...	...	...	...	...	...	...	
INDIA	...	...	...	4	6,881	0.26	4	16,323	0.57	...	...	...	1	1,348	0.04	2	10,979	0.22	4	10,620	0.19
ITALY	11	7,974	0.10	9	23,088	0.28	15	38,865	0.44	4	74,062	0.79	1	6,278	0.06	5	5,456	0.05	3	1,388	0.01
JAPAN	78	57,352	0.19	75	37,231	0.11	44	18,649	0.05	47	77,623	0.20	55	66,641	0.17	52	80,617	0.19	36	63,862	0.16
KOREA (SOUTH)	14	13,444	1.43	11	85,885	8.12	8	5,928	0.54	13	10,448	0.85	15	8,431	0.52	10	11,712	0.65	17	23,585	0.95
LIBERIA	21	195,006	0.51	20	202,184	0.45	17	281,931	0.56	10	105,357	0.19	16	249,125	0.38	17	352,771	0.48	12	291,626	0.36
NETHERLANDS	3	676	0.01	6	1,620	0.03	8	3,626	0.07	1	171	0.00	4	1,803	0.03	7	2,730	0.05	1	1,271	0.02
NORWAY	19	116,790	0.54	17	5,245	0.02	14	30,900	0.13	13	52,288	0.21	14	6,219	0.02	13	10,662	0.04	17	88,185	0.32
PANAMA	29	93,185	1.49	26	91,989	1.18	17	35,421	0.37	28	107,885	0.96	42	154,353	1.13	50	217,157	1.39	54	198,910	1.02
PHILIPPINES	8	24,612	2.60	3	5,504	0.60	8	69,813	7.37	4	4,587	0.60	6	13,996	1.59	3	13,912	1.37	3	4,270	0.37
POLAND	1	674	0.04	...	...	...	1	3,811	0.18	4	3,128	0.14	1	648	0.02	...	...	...	...	...	
PORTUGAL	3	4,586	0.50	1	677	0.07	7	8,836	0.69	6	7,405	0.60	...	...	...	...	...	...	2	6,275	0.49
SINGAPORE	6	37,797	6.50	2	5,091	0.58	5	15,931	0.79	7	40,802	1.42	4	34,348	0.88	4	19,447	0.35	8	40,560	0.60
SOMALI REPUBLIC	5	14,594	2.46	5	21,012	2.41	4	27,322	1.69	2	12,191	0.64	1	4,607	0.25	...	...	...	...	...	
SPAIN	14	57,087	1.45	17	17,244	0.40	16	21,940	0.45	11	3,998	0.08	23	9,377	0.17	19	71,422	1.18	18	7,312	0.10
SWEDEN	4	2,658	0.05	5	3,141	0.06	3	2,662	0.05	2	448	0.01	4	5,295	0.07	1	1,275	0.02	1	2,999	0.04
TURKEY	3	901	0.13	...	...	...	1	182	0.02	...	...	...	...	...	1	11,547	1.07	1	149	0.01	
U.S.S.R.	...	...	...	1	9,882	0.06	2	3,837	0.02	3	18,566	0.10	3	11,688	0.06	3	9,500	0.05	1	5,626	0.03
UNITED KINGDOM	9	27,080	0.10	8	16,481	0.06	19	36,631	0.12	15	25,672	0.08	19	62,739	0.19	9	4,138	0.01	15	40,321	0.13
UNITED STATES OF AMERICA	14	48,903	0.30	9	19,718	0.13	21	30,940	0.21	16	40,470	0.28	11	16,463	0.11	11	20,402	0.14	20	6,045	0.04
YUGOSLAVIA	...	...	...	1	2,666	0.17	...	...	...	1	2,092	0.12	...	...	...	...	...	...	2	5,247	0.23
OTHER COUNTRIES	48	46,718	...	74	215,120	...	60	53,014	...	52	49,643	...	59	88,253	...	65	86,090	...	57	59,875	...
<b>WORLD TOTAL</b>	<b>377</b>	<b>1,030,560</b>	<b>0.42</b>	<b>371</b>	<b>949,336</b>	<b>0.35</b>	<b>363</b>	<b>919,854</b>	<b>0.32</b>	<b>311</b>	<b>869,658</b>	<b>0.28</b>	<b>336</b>	<b>995,261</b>	<b>0.29</b>	<b>345</b>	<b>1,156,109</b>	<b>0.31</b>	<b>336</b>	<b>1,073,127</b>	<b>0.27</b>

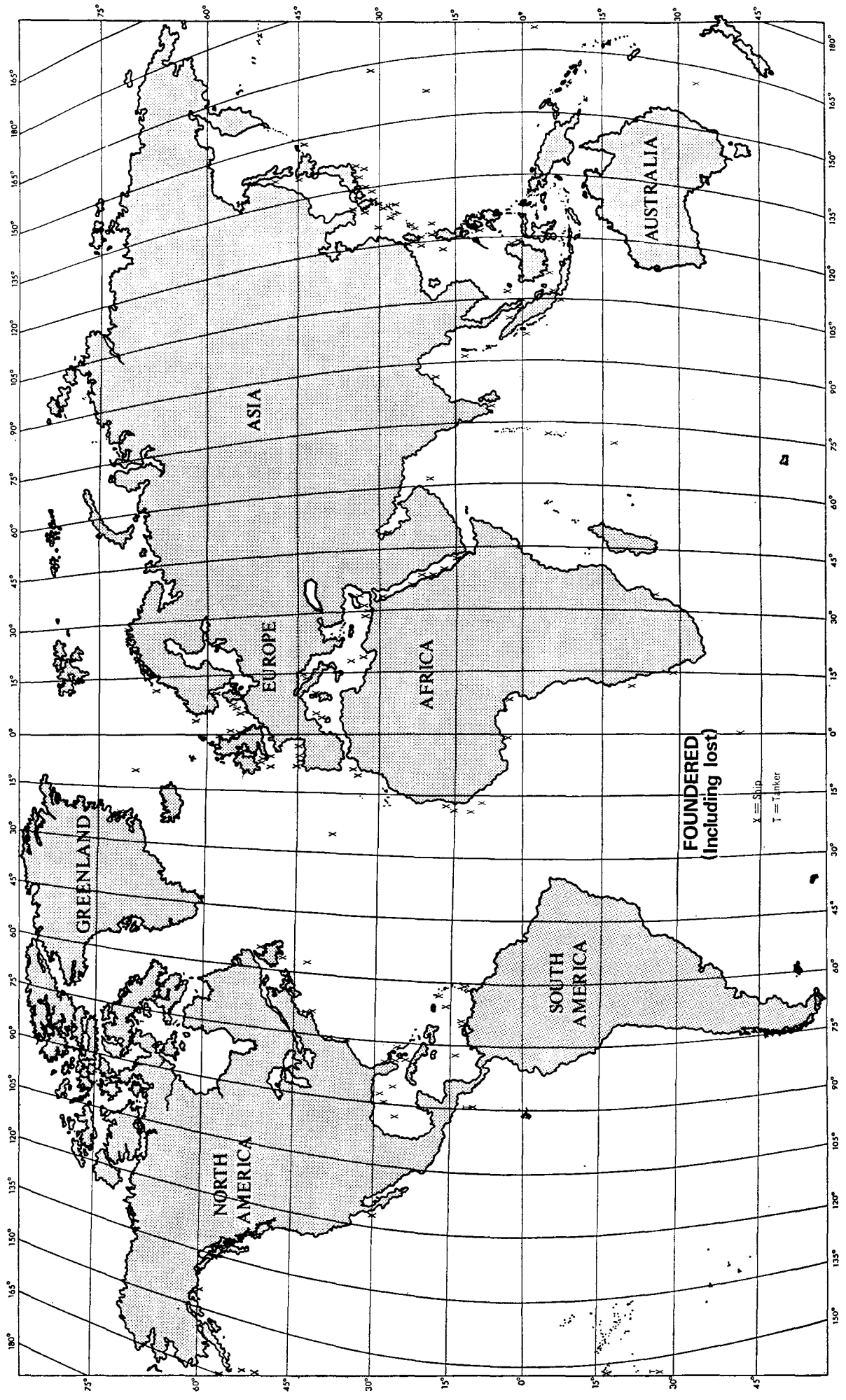
N.B.—Cases of breaking up, condemnation, &c., not known to be consequent on stress of weather, &c., are excluded from the Table. Figures as published in Annual Summaries.

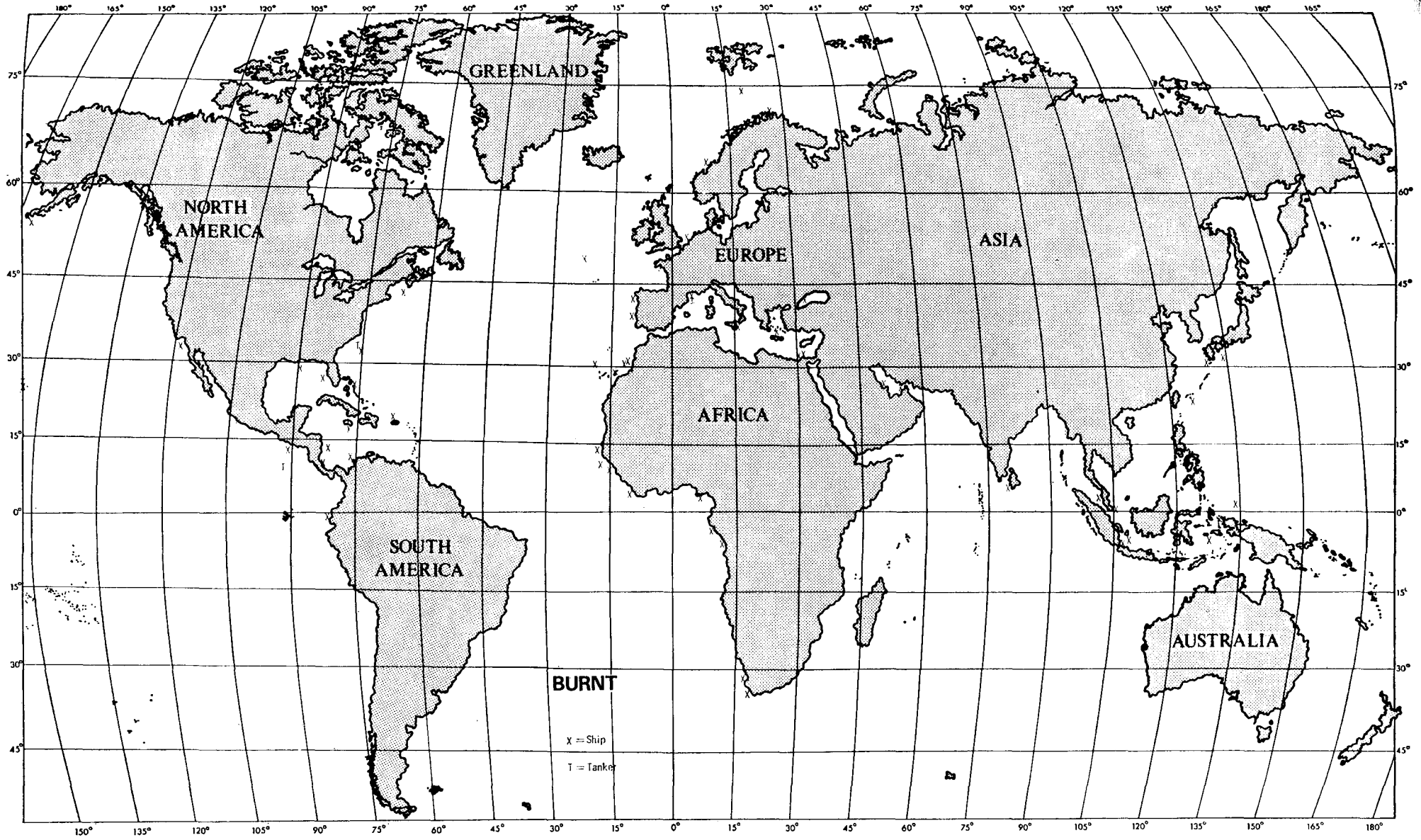
**6—STEAMSHIPS AND MOTORSHIPS CONDEMNED, BROKEN UP, CONVERTED, ETC.**  
**(Not consequent upon casualty) 1971—1977**

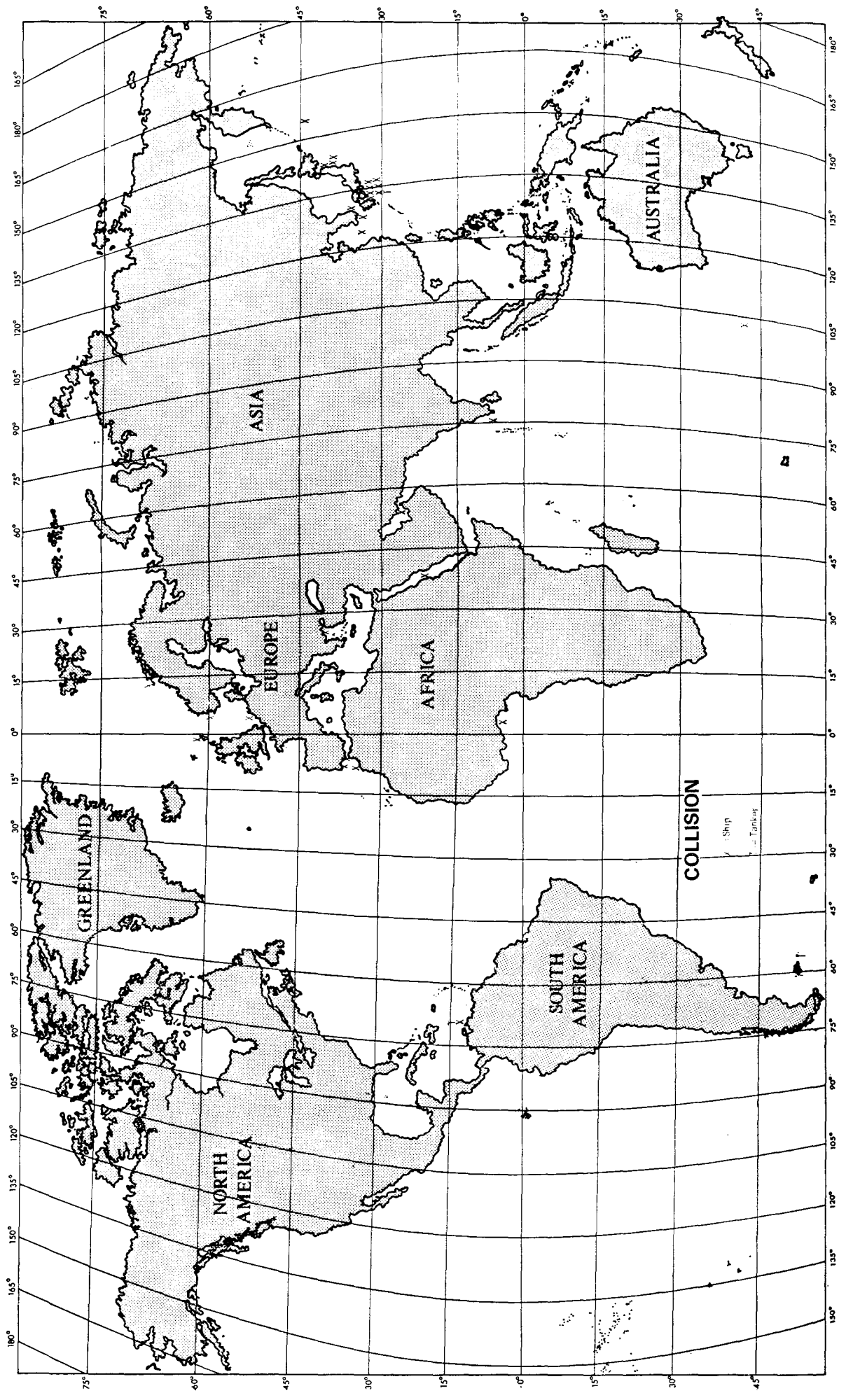
FLAG	1971			1972			1973			1974			1975			1976			1977		
	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent	No.	Tons Gross	Per Cent
ARGENTINA	1	3,350	0.26	4	30,717	2.19	12	43,427	2.99	1	3,491	0.25	1	7,692	0.53	4	14,392	0.98	2	18,656	1.11
AUSTRALIA	2	3,857	0.35	4	20,205	1.71	1	9,493	0.82	2	867	0.07	1	4,075	0.34	2	9,900	0.79	...	...	...
BELGIUM	...	...	...	1	12,615	1.06	2	10,656	0.92	...	...	...	1	31,489	2.32	1	12,539	0.84	8	1,054	0.07
BRAZIL	1	2,894	0.17	3	31,457	1.67	5	19,597	0.93	3	4,822	0.20	...	...	...	...	...	...	3	12,157	0.37
CANADA	16	41,114	1.74	9	15,559	0.65	11	18,743	0.77	9	15,147	0.62	5	18,448	0.72	2	14,089	0.53	2	2,967	0.11
CYPRUS	36	248,230	16.57	41	263,211	13.06	30	156,367	5.33	31	233,107	6.87	7	75,884	2.36	12	144,130	4.63	9	92,016	3.30
DENMARK	8	2,982	0.08	2	531	0.01	3	8,377	0.20	11	8,684	0.19	4	4,120	0.09	...	...	...	2	403	0.01
FINLAND	2	3,748	0.25	4	12,863	0.79	3	13,702	0.89	4	14,126	0.94	8	41,033	2.05	6	54,246	2.56	1	888	0.04
FRANCE	4	14,966	0.21	8	23,665	0.32	29	91,027	1.10	10	10,168	0.12	11	186,949	1.74	15	238,843	2.12	4	104,537	0.90
GERMAN DEMOCRATIC REPUBLIC	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	11,321	0.79	2	3,218	0.22
GERMANY, FEDERAL REPUBLIC OF	84	27,062	0.31	22	37,713	0.44	17	23,418	0.30	16	7,930	0.10	6	56,297	0.66	6	178,886	1.93	4	32,901	0.34
GREECE	45	216,457	1.66	51	222,229	1.45	63	300,963	1.56	68	370,070	1.70	29	356,510	1.58	40	605,025	2.42	32	477,728	1.62
HONG KONG	3	8,035	1.40	2	7,606	1.66	...	...	...	6	24,371	9.03	...	...	...	...	...	...	...	...	...
INDIA	6	31,378	1.27	7	39,669	1.50	8	38,144	1.32	5	27,963	0.80	1	9,874	0.26	7	46,584	0.91	9	63,107	1.15
ITALY	51	162,275	1.99	31	178,830	2.18	8	17,893	0.20	42	146,916	1.58	23	105,566	1.04	19	348,391	3.15	22	264,705	2.38
JAPAN	108	115,400	0.38	100	73,372	0.21	156	80,594	0.22	163	112,223	0.29	173	166,416	0.42	258	362,287	0.87	458	552,002	1.38
KOREA (SOUTH)	...	...	...	5	36,669	3.47	...	...	...	2	5,901	0.48	...	...	...	2	9,972	0.56	...	...	...
LIBERIA	39	262,581	0.68	57	539,820	1.21	41	439,006	0.88	43	461,720	0.83	92	1,575,744	2.39	92	1,932,451	2.63	102	2,223,355	2.78
NETHERLANDS	20	99,109	1.88	37	96,949	1.95	20	13,431	0.27	10	40,057	0.73	8	93,807	1.65	11	79,394	1.34	7	64,275	1.21
NORWAY	25	22,204	0.10	9	15,528	0.07	11	22,525	0.10	5	7,041	0.03	7	64,083	0.25	3	27,604	0.10	4	114,104	0.41
PANAMA	57	334,220	5.34	79	500,925	6.43	63	429,897	4.49	55	445,401	4.04	43	544,988	3.99	42	528,142	3.38	72	861,264	4.43
PHILIPPINES	3	19,666	2.08	9	63,407	6.86	9	38,111	4.02	6	40,084	5.23	3	16,203	1.84	2	38,497	3.78	3	14,093	1.23
POLAND	5	31,313	1.78	10	47,642	2.37	4	22,936	1.11	1	614	0.03	5	4,976	0.18	3	11,081	0.34	...	...	...
PORTUGAL	3	14,749	1.59	3	20,726	2.02	15	85,893	6.75	10	85,567	6.88	1	425	0.04	1	11,153	0.95	1	23,306	1.82
SINGAPORE	5	33,429	5.75	3	17,331	1.99	11	66,793	3.33	9	52,369	1.82	3	15,922	0.41	1	6,159	0.11	9	72,836	1.07
SOMALI REPUBLIC	4	19,654	3.32	12	66,495	7.62	6	52,835	3.28	5	28,201	1.47	4	25,626	1.41	5	51,260	2.86	1	7,464	4.72
SPAIN	22	51,110	1.30	9	29,127	0.68	23	79,612	1.65	15	26,542	0.54	6	40,680	0.75	15	70,846	1.18	12	52,142	0.73
SWEDEN	4	2,040	0.04	5	18,117	0.32	4	5,894	0.10	1	218	0.00	...	...	...	2	55,862	0.70	1	2,805	0.04
TURKEY	3	8,084	1.13	2	14,702	1.98	1	7,151	0.94	...	...	...	...	...	2	11,807	1.09	6	37,290	2.89	
U.S.S.R.	37	77,528	0.48	9	37,558	0.22	9	40,377	0.23	11	18,695	0.10	5	29,620	0.15	4	24,856	0.12	19	70,630	0.33
UNITED KINGDOM	72	484,710	1.77	114	810,971	2.83	53	308,851	1.02	42	153,558	0.49	99	1,101,737	3.32	97	1,093,282	3.32	44	309,794	0.98
UNITED STATES OF AMERICA	244	1,758,577	10.81	202	1,432,146	9.53	141	977,254	6.55	61	434,272	3.01	37	283,429	1.94	42	338,642	2.27	26	198,229	1.30
YUGOSLAVIA	4	17,395	1.13	9	44,576	2.81	5	4,714	0.28	6	1,024	0.06	1	7,233	0.39	...	...	...	1	142	0.01
OTHER COUNTRIES	48	147,890	...	54	231,217	...	48	150,610	...	43	178,344	...	42	208,439	...	37	283,010	...	48	415,003	...
<b>WORLD TOTAL</b>	<b>962</b>	<b>4,266,007</b>	<b>1.73</b>	<b>917</b>	<b>4,994,148</b>	<b>1.86</b>	<b>812</b>	<b>3,578,291</b>	<b>1.23</b>	<b>696</b>	<b>2,959,493</b>	<b>0.95</b>	<b>626</b>	<b>5,077,265</b>	<b>1.48</b>	<b>734</b>	<b>6,614,651</b>	<b>1.78</b>	<b>914</b>	<b>6,093,071</b>	<b>1.55</b>

N.B.—Figures as published in Annual Summaries.

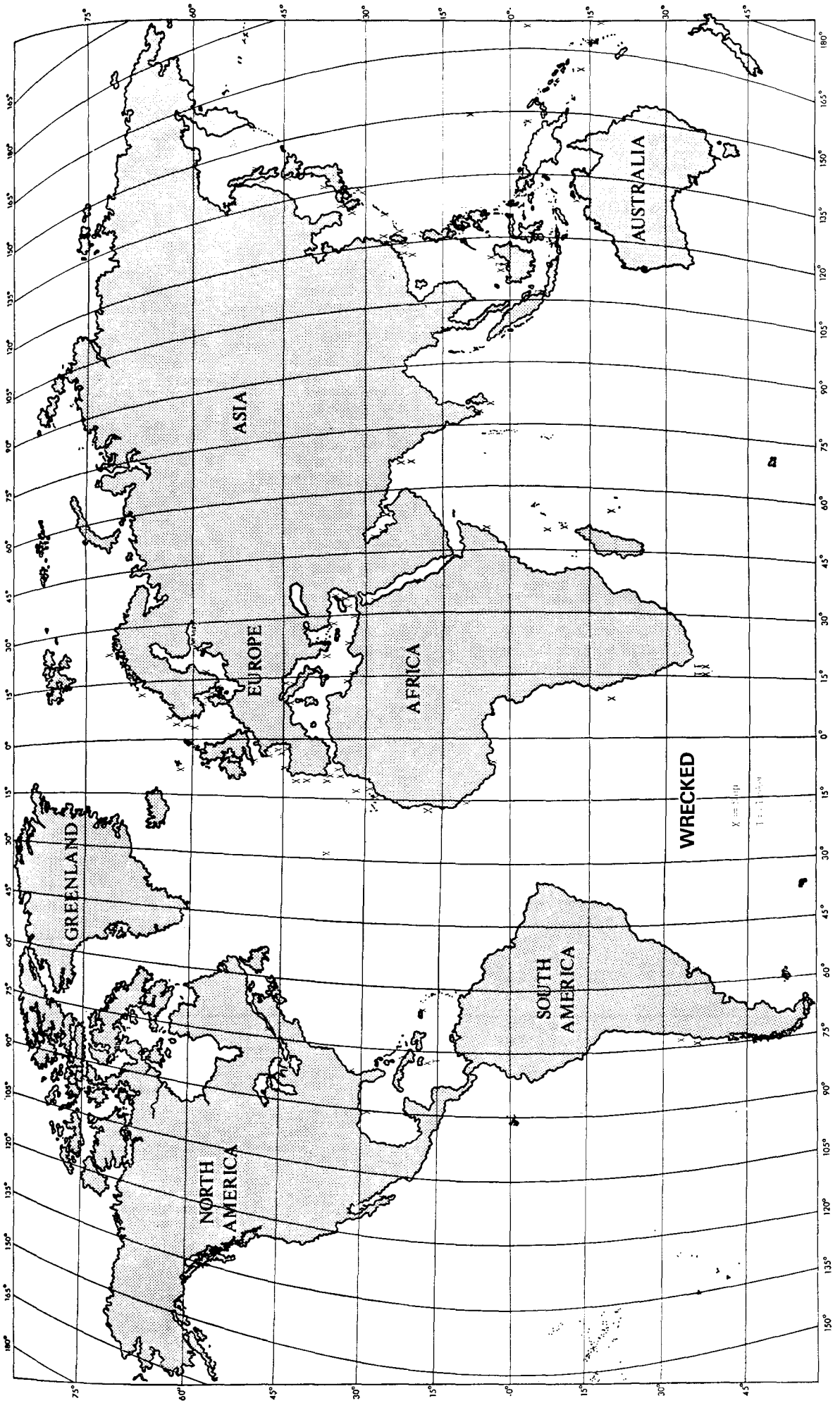












# SUPPLEMENT TO QUARTERLY RETURNS

## STEAMSHIPS AND MOTORSHIPS

(Listed in alphabetical order of ship name, excluding ships of less than 100 tons gross)

### DETAILS OF CASUALTIES NOT PREVIOUSLY INCLUDED

#### EXPLANATIONS OF CONTRACTIONS

##### FLAG

ALB = Albania	EGY = Egypt	JAM = Jamaica	QAT = Qatar
ALG = Algeria	ELS = El Salvador	JOR = Jordan	RUM = Romania
ARG = Argentina	ETH = Ethiopia	JPN = Japan	SAF = South Africa
AST = Australia	FAR = Faroe Islands	KEN = Kenya	SAU = Saudi Arabia
AUS = Austria	FIJ = Fiji	KMP = Kampuchea	SEN = Senegal
BAH = Bahamas	FIN = Finland	KRS = Korea (South)	SIE = Sierra Leone
BBD = Barbados	FRA = France	KUW = Kuwait	SNG = Singapore
BDI = Burundi	GAB = Gabon	LBY = Libya	SOL = British Solomon Islands
BER = Bermuda	GAM = Gambia	LEB = Lebanon	SOM = Somali Republic
BLG = Belgium	GBI = United Kingdom	LIB = Liberia	SPN = Spain
BLZ = Belize	GDR = German Democratic Republic	MAL = Malaysia	SRI = Sri Lanka
BMA = Burma	GFR = Germany, Federal Republic of	MAU = Mauritania	STV = St. Vincent
BNG = Bangladesh	GHA = Ghana	MDV = Maldiv Islands	SUD = Sudan
BRN = Bahrain	GIB = Gibraltar	MEX = Mexico	SWD = Sweden
BRZ = Brazil	GRC = Greece	MGY = Madagascar	SWZ = Switzerland
BUL = Bulgaria	GRE = Grenada	MON = Monaco	SYR = Syria
BVI = British Virgin Islands	GUA = Guatemala	MOR = Morocco	TAN = Tanzania
CAN = Canada	GUI = Guinea	MTA = Malta	THA = Thailand
CAY = Cayman Islands	GUY = Guyana	NHB = New Hebrides	TON = Tonga
CHL = Chile	HAI = Haiti	NIC = Nicaragua	TRI = Trinidad & Tobago
CHR = China, People's Rep. of	HKG = Hong Kong	NIG = Nigeria	TRK = Turkey
CHT = Province of Taiwan	HON = Honduras	NOR = Norway	TUN = Tunisia
CMN = Cameroon	HUN = Hungary	NTH = Netherlands	UAE = United Arab Emirates
COL = Colombia	ICL = Iceland	NZL = New Zealand	URG = Uruguay
CON = Congo	IDA = Indonesia	PAK = Pakistan	USA = United States of America
COS = Costa Rica	IND = India	PAN = Panama	USR = U.S.S.R.
CUB = Cuba	IRN = Iran	PAR = Paraguay	VEN = Venezuela
CYP = Cyprus	IRP = Irish Republic	PER = Peru	VNM = Vietnam
CZE = Czechoslovakia	IRQ = Iraq	PHI = Philippines	YAR = Yemen Arab Republic
DEN = Denmark	ISR = Israel	PNG = Papua New Guinea	YPR = Yemen, People's Dem. Rep. of
DOM = Dominican Republic	ITL = Italy	POL = Poland	YUG = Yugoslavia
ECU = Ecuador	IVC = Ivory Coast	PTG = Portugal	ZAI = Zaire

##### DESCRIPTION

c = Composite	irn = Iron	s. = Steamship
f = Ferro-concrete	m. = Motorship	(T) = Oil Tanker
gt = Gas Turbine	rp = Reinforced plastic	w = Wood

N.B.—Unless otherwise stated, all steamships and motorships were of steel construction

#### Foundered

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ADVENTURER 1 ... 1933	150	TRI	m. water carrier	... ..	...	At Chaguaramas.	11th June
BIJOU ... .. 1963	212	GFR	m. cargo	Weston Point— Bilbao	Steel & general	Sprang leak and sank 15½ miles E.N.E. of Point Lynas, Angle- sey.	5th June
CHOKYU MARU No. 8 1966	498	JPN	m. cargo	... ..	...	10 miles N.W. of Akashizaki, Okushiri-gun, Hokkaido, in heavy weather.	8th Feb.
CUPIDS... .. 1940	681	CAN	m. cargo	At St. Pierre	...	In St. Pierre Harbour, St. Pierre Island.	5th Jan.
DIRE DAWA ... .. 1944	495	ETH	m. cargo	At Massawa	General	At Massawa.	4th Mar.
ECHO BAHAMAS ... 1964	124	BAH	w.m. fishing	... ..	...	Off the Bahamas.	21st/22nd May

Continued

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ERICA OF EXUMA ... 1966	137	GBI	m. landing craft	Abaco—West Palm Beach	Vegetables	Cargo shifted in heavy weather; subsequently sunk off West Palm Beach, Florida.	1st Jan.
FERRER TUR ... 1965	200	SPN	m. trawler	...	...	Sprang leak and sank N. of Dakar in lat. 15 20N., long. 17 26W.	27th Apr.
FRAM ... 1975	122	USA	m. fishing	...	...	N.E. of Nantucket Island in lat. 41 25N., long. 69 11W., in heavy weather.	10th June
FUKAWA MARU No. 8 1969	197	JPN	m. sand carrier	...	Sand	Off Mawatari-jima, Chinzei-cho, Matsuura-gun, following collapse of cargo.	6th Mar.
FUKUKYU MARU No. 12 1967	371	JPN	m. fishing	...	...	In lat. 40 18S., long. 00 49E., in heavy weather.	8th July
GULF STAR ... 1967	978	PAN	m. cargo	Hong Kong—Singapore	...	In approximately lat. 05 43N., long. 107 29E.	23rd Jan.
HAKUCHO MARU No. 11 1964	499	JPN	m. cargo	...	...	Off Tsumayoshi, Izu Peninsular, Shizuoka, in heavy weather.	15th Sept.
HIRMA ... 1966	486	NOR	m. cargo	Mo-i-Rana—River Humber	Pig iron	Developed list due to cargo shifting in lat. 61 20N., long. 02 30E., on 11th December in heavy weather; taken in tow but sank 28 miles off Stad, W. coast of Norway.	12th/13th Dec.
ITTI PARK ... 1965	497	THA	m. tanker	Hakata—Bangkok	Ballast	Capsized off Okinawa in approximately lat. 26 39N., long 128 30E., on 9th February; last reported 124 miles E. of Kyamisaki Lighthouse, S. Okinawa, and presumed to have foundered.	24th Feb.
JAYA RANI ... 1976	185	IND	m. trawler	...	...	Capsized and sank 10 miles off Paradip after nets fouled submerged object.	21st Sept.
JUE KENG No. 12 ... —	180	CHT	m. fishing	...	...	Sprang leak and sank off W. coast of Sumatra.	21st July
KARLSHORST ... 1967	2547	GDR	m. cargo	Archangel—East Germany	Timber	Developed list due to cargo shifting in heavy weather in lat. 67 05N., long. 11 30E., on 26th October; subsequently sank off Vestvagoy, Lofoten Islands.	28th/29th Oct.
KINRIKI MARU No. 2 1963	392	JPN	m. cargo	...	...	In lat. 24 39 48N., long. 125 16 09E., in heavy weather.	14th Mar.
KOTA SILAT X ... 1947	121	IDA	m. cargo	...	...	In the Sunda Strait in heavy weather.	4th July
KUM YONG No. 1 ... 1965	199	KRS	m. fishing	...	...	Capsized and sank off Kaohsiung in lat. 21 58N., long. 120 53E.	17th Feb.
LADY KAMILLA ... 1949	500	DEN	m. cargo	Bayonne—Manchester	Sulphur	15 miles off St. Ives, Cornwall, in heavy weather.	24th Dec.
MAHA I ... 1959	500	LEB	m. cargo	...	...	Capsized and sank off Alexandria in lat. 31 11 05N., long. 29 49 27E.	2nd May
MANO No. 5 ... 1970	3942	KRS	m. cargo	Malaysia—Busan	Logs	W. of Okinawa in lat. 26 51 12N., long. 127 12 24E.	18th Nov.
MEDOLA ... 1939	1279	PAN	m. cargo	At Port Kelang	General	Capsized and sank at Port Kelang in lat. 02 59 55N., long. 101 22 24E., after springing a leak.	4th June

Continued

## Foundered—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
OWNERS CHOICE ... 1967	135	USA	m. fishing	... ..	...	Sprang leak in engine room and sank off Sea Lion Rock off coast of Washington.	20th Mar.
PONTIANAK ... .. 1964	2776	PAN	m. cargo	Sei Buta, Borneo	Logs	Sprang leak in hold and sank off Sadau Island near Tarakan in lat. 03 22 00N., long. 117 30 15E.	7th Nov.
PUERTO DE BAYONA 1966	201	SPN	m. trawler	... ..	...	Sprang leak and sank 30 miles off Guinea.	7th Apr.
RAKUSHO MARU No. 3 1959	460	JPN	m. fishing	... ..	...	In lat. 42 32N., long. 149 51E., in heavy weather.	21st Oct.
RUHUI RAHAJU 1 ... 1970	181	IDA	m. cargo	... ..	...	In the Java Sea in lat. 06 22S., long. 113 15E.	17th Feb.
SEAMAR II ... .. 1972	165	SNG	f.m. stern trawler	... ..	...	Off Jeddah in lat. 21 35N., long. 39 05E., after taking water in heavy weather.	9th Mar.
SEATTLE ... .. 1953	299	NOR	m. cargo	Hoganas— Sandnes	Stone	Developed list 5 miles E. of the Skaw after cargo shifted in heavy weather; taken in tow but sank off Lysekil.	12th Nov.
SETO MARU ... .. 1966	496	JPN	m. cargo	... ..	...	17 miles off Murotozaki, Wakayama.	8th May
SHINHO MARU No. 7 1969	183	JPN	m. cargo	... ..	...	Off Omaezaki, Shizuoka, in heavy weather.	24th June
SIOUX ... .. 1976	116	GBI	m. stern trawler	... ..	...	Sprang leak and sank 35 miles S.E. of Spurn Head Lighthouse in lat. 53 34 48N., long. 01 00 00E., in heavy weather.	28th Mar.
SPYROS G ... .. 1946	999	CYP	m. cargo	Piræus—Tripoli, Libya	Bagged cement	Sprang leak E. of Malta in lat. 35 10N., long. 18 35E., on 7th February; subsequently sank in lat. 35 46N., long. 20 09E.	8th Feb.
ST. GEORGE ... .. 1942	208	TRI	m. tug	At Port of Spain	...	At Port of Spain in lat. 10 38 30N., long. 61 31 00W.	6th Mar.
STAR MARCH ... 1957	4275	KRS	m. cargo	Apas Payar— Busan	Logs	Capsized and sank at Tarakan in lat. 03 17 45N., long. 117 32 30E.	28th Sept.
SUNTI MARI ... .. 1961	110	SPN	w.m. fishing	... ..	...	Sprang leak and sank off the coast of Morocco.	25th June
TAI YUAN No. 1 ... 1971	266	CHT	m. fishing	... ..	...	In the Indian Ocean in heavy weather.	24th Feb.
YUSHO MARU ... 1964	128	JPN	m. cargo	... ..	...	In lat. 30 53N., long. 130 50E., in heavy weather.	18th June
YUSHO MARU No. 21 1966	197	JPN	m. cargo	... ..	...	Capsized and sank 1½ miles S.W. of Tatsumezaki Lighthouse, Kagoshima.	8th Apr.

## Missing

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
HERAKURESU ... 1973	299	JPN	m. tug	... ..	...	Sailed from Tomakomai, Hokkaido, on 30th December for Hakata and not since heard of.	...

## Burnt

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
ARIS ... .. 1942	492	ITL	m. cargo	Sicily—Malta	...	Caught fire and stranded off E. coast of Sicily.	25th Jan.
ATHENA ... .. 1951	2373	GRC	m. cargo	Mersin—Albania	Ballast	Caught fire in engine room 20 miles S. of Thira Island in approximately lat. 36 05N., long. 25 30E; towed to Agios Nikolaos, Crete, and thence to Eleusis, sold and broken up.	5th Feb.
ATTICAN UNITY ... 1957	8168	GRC	m. cargo	Rotterdam—Durban	Chemicals & general	Caught fire in hold off West Hinder, put back to Flushing Roads and beached off Cadzand in lat. 51 22 54N., long. 03 23 18E; subsequently refloated, towed to Bremen, sold and broken up.	25th Aug.
DAPO SEA ... .. 1957	7844	GRC	m. cargo	At Bahrain	Ballast	Caught fire in boiler room at Sitra Anchorage, Bahrain; subsequently towed to Karachi and broken up.	1st June
EXOTIC... .. 1970	70337	LIB	s. ore/oil carrier	Fos—Sepetiba	Ballast	Caught fire after explosion off Essaouira in lat. 31 36N., long. 11 00W., and stranded between Essaouira and Cap Sim in lat. 31 28 30N., long. 09 49 00W; subsequently refloated, towed to Lisbon and thence to Kaohsiung and broken up.	31st Jan.
FUCSIA ... .. 1956	8549	PAN	m. cargo	At Constantza	General	Caught fire after explosion whilst loading cargo at Constantza and subsequently beached; to be broken up.	4th Feb.
FUKUYOSHI MARU No. 75 1968	500	JPN	m. fishing	... ..	...	Extensively damaged by fire in lat. 54 10N., long. 161 03W., and taken in tow; subsequently stranded on South Rock, near Sanak Island in lat. 54 18 18N., long. 162 40 30W., after breaking tow in heavy weather.	25th Apr.
GANGMAR ... .. 1946	250	COL	m. cargo	... ..	...	Beached off Governor's Harbour, Eleuthera Island, Bahamas, following explosion and fire.	11th Feb.
HARAPAN KU TIGA ... —	173	IDA	m. cargo	Surabay—Tarakan	General	Caught fire and sank in lat. 03 19 00N., long. 117 31 00E.	2nd Dec.
HERMANOS BLANCO 1968	211	SPN	m. stern trawler	... ..	...	Caught fire in engine room and sank in lat. 12 45N., long. 82 35W.	28th Nov.
IS-OLA ... .. 1906	171	NOR	w.m. sealer	... ..	...	Sank after fire and explosion off Svalbard.	19th Sept.
KIN LING No. 1 ... 1968	280	CHT	m. fishing	... ..	...	Caught fire and sank 1,600 miles S.W. of Gibraltar in lat. 31 50N., long. 25 25W.	14th Mar.
MARIA D. ... .. 1965	211	CAN	w.m. trawler	... ..	...	Caught fire in engine room and sank 110 miles S.W. of Yarmouth, N.S., in lat. 41 58N., long. 66 39W.	27th Apr.
PETEN 11 ... .. 1951	2214	GUA	m. cargo	At Tampa	Ballast	Extensively damaged by fire whilst laid up at Tampa; to be converted for use as a barge.	16th Feb.
PUNTA MACORIS ... 1943	690	PAN	m. tanker	Puntarenas—Acajutla	Sulphuric acid	Extensively damaged by explosions at Acajutla; subsequently towed out of port and sank in lat. 13 35 30N., long. 89 50 30W., on 7th May.	6th May

Continued

## Burnt—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SILJESTAD ... .. 1970	83561	NOR	s. ore/oil carrier	Sarroch—Gulf	Ballast	Caught fire in engine room whilst anchored 7 miles off Dubai; subsequently sold, towed to Kaohsiung and broken up.	23rd June
THAI PRINCESS ... 1952	2673	SNG	m. cargo	At Singapore	Ballast	Extensively damaged by fire at Singapore; subsequently sold and broken up.	7th Mar.
TONG THAY ... .. 1956	10929	SNG	m. cargo	Shanghai—Dubai	General	Caught fire at Colombo; subsequently taken to Singapore and thence to Kaohsiung, sold and broken up.	7th Jan.
WENCHE ... .. 1912	200	NOR	m. cargo	Bronnoysund—Kristiansund N.	Ballast	Stranded after fire and explosion at Dolmsundet, Naeroy, Nord Trondelag; subsequently reported condemned.	21st Dec.
YIH CHANG HAUR ... 1975	825	CHT	m. fishing	... ..	...	Caught fire 67 miles S. of Penang in lat. 04 16N., long. 100 10E., and presumed to have sunk.	5th Aug.

## Collision

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
FLYPPER SEGUNDO 1972	123	SPN	w.m. trawler	... ..	...	Sank after collision with unidentified tanker off N.W. Morocco in approximately lat. 35 12N., long. 06 47W.	16th Mar.
FUKUJU MARU No. 53 1967	280	JPN	m. fishing	... ..	...	Sank after collision with SHINEI MARU No. 21 50 miles off Kamaishi, Miyagi.	16th Jan.
HACHIRYU MARU No. 12 1966	357	JPN	m. fishing	... ..	...	Sank after collision with DAITO MARU No. 1 in lat. 43 23N., long. 156 54E.	10th Oct.
HAVRAIS ... .. 1932	165	NOR	m. cargo	Brevik—Bergen	Cement	Sank after collision with OLAUG off Blevik Light, N. of Haugesund, in dense fog.	22nd Mar.
HOKKO MARU No. 24 1968	499	JPN	m. cargo	... ..	...	Sank after collision with EIKO MARU No. 17 at Irago Watercourse, Aichi.	27th Feb.
IL SHIN No. 12 ... 1963	412	PAN	m. fishing	... ..	...	Damaged by collision with NORDPOL off Shiono Misaki in lat. 33 20N., long. 135 54E; subsequently towed to Wakayama and thence to Shimizu, sold and broken up.	7th Jan.
TAFANEH ... .. 1969	123	SPN	w.m. fishing	... ..	...	Sank after collision with MARIA ANGELES ARRUE off Huelva; subsequently broken up.	27th Jan.
TONG YANG No. 52... 1959	908	KRS	m. cargo	Pohang—Onahama	Zinc ore	Sank after collision with PROTOKLITOS off Katsuura, Wakayama, in approximately lat. 33 30N., long. 136 00E.	30th Mar.

## Wrecked

(Under this heading are included ships lost through stranding, or striking rocks, sunken wrecks, etc.)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
AIR SWIFT ... 1943	149	BAH	w.m. cargo	...	...	Off Fort Montague, Nassau, in lat. 25 04 23N., long. 77 18 20W., after breaking moorings in heavy weather; subsequently broken up.	20th Jan.
ARCTIC HUNTER ... 1958	273	GBI	m. trawler	...	...	Stranded off Mid Yell, Shetland Islands; subsequently refloated, towed to Granton and thence to Middlesbrough and broken up.	7th Apr.
BORAG ... 1958	21616	LIB	s. tanker	Mena Saud— Shenao	Fuel oil	Stranded 3 miles off Keelung in lat. 25 12 06N., long. 121 44 24E; subsequently broke in two.	7th Feb.
CAP MARTIN ... 1955	2213	PAN	m. cargo	Warri— Mediterranean	...	Damaged by stranding at Abidjan; subsequently refloated, taken to La Spezia and broken up.	9th July
CATHAY No. 8 ... 1965	392	CHT	m. fishing	...	...	S. of Punta Rubia, Uruguay, in heavy weather.	14th Oct.
COURAGE ... 1950	1776	CYP	m. cargo	Marseilles— Iskenderun	General	Off Samandag in lat. 36 11N., long. 35 52E., in heavy weather.	18th Jan.
CRISTINA SUARDIAZ 1946	399	SPN	m. cargo	Corunna—Oran & Algiers	Cast iron tubes & building materials	At Praia dos Montes Clerigos, Portugal, in heavy weather; subsequently sold and broken up.	19th Feb.
DAITOKU MARU ... 1976	199	JPN	m. cement carrier	...	...	Stranded and sank at Sakuma Bay, Kochi Pref.	30th July
DAUNTLESS COLOCOTRONIS 1965	25477	GRC	m. tanker	Freeport— New Orleans	Crude oil	Caught fire after striking sunken wreck in River Mississippi, 4 miles below New Orleans; subsequently taken to Brownsville, sold and broken up.	22nd July
DONG HWA No. 302 1962	219	KRS	m. fishing	...	...	Off Kuryongp'o, South Korea.	24th Feb.
DONG SUNG No. 125 1964	249	KRS	m. fishing	...	...	Off Alphonse Island, approximately 2 miles N.E. of St. Francois Island, Seychelles, in lat. 07 10S., long. 52 45E.	26th Sept.
ENVOY ... 1957	3393	PAN	m. cargo	Japan— West Africa	Canned goods	Stranded in East Channel, Palau Daat, near Labuan; subsequently refloated, taken to Singapore, sold and broken up.	27th July
FAIRSHIP ... 1952	6931	PAN	m. cargo	Mukho— Dammam	Bagged cement	Reported struck unidentified object, sprang leak and sank at Dammam in approximately lat. 26 55N., long. 50 21E.	31st May
FORT JOHNSON ... 1917	149	USA	m. tug	...	...	Struck submerged beams of terminal and sank at Charleston; subsequently refloated and dismantled; to be sunk for use as a fishing reef.	22nd Feb.
GALGOI IPARRA ... 1965	230	SPN	m. trawler	...	...	Off Antioche, Ile d'Oleron, in lat. 46 04N., long. 01 21W.	21st July
GALSTAR ... 1957	498	CYP	m. cargo	Barcelona— Rotterdam	Borax	Stranded and sank 3 miles off Estaca de Bares in heavy weather.	16th Oct.
GREAT HARMONY ... 1947	120	CYP	w.m. cargo	At Limassol	...	On breakwater, Old Limassol Harbour, after breaking moorings in heavy weather.	11th Jan.

Continued

## Wrecked—Continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
HAN JIN No. 1 ... 1949	695	KRS	m. cargo	Mokpo—Niigata	Silica	Off W. coast of Japan in lat. 37 29 30N., long. 137 21 30E.	19th Jan.
HOUSSAM ... 1961	498	CYP	m. cargo	Beirut— Tripoli, Libya	General	At Sultan, near Sirte, after dragging anchors in heavy weather.	21st Dec.
IHO MARU ... 1967	675	JPN	m. cargo	... ..	...	Stranded and sank in lat. 32 39N., long. 130 07E.	2nd Nov.
JOYCE ... 1950	423	CYP	m. cargo	Alexandria— Beirut	General	E. of Raschid Lighthouse in lat. 31 30 00N., long. 30 40 53E., after sustaining engine damage and dragging anchors in heavy weather.	19th June
KATOPODIS G ... 1954	499	GRC	m. cargo	Viareggio—Derna	Marble slabs, granula & general	In Derna Roads after striking breakwater.	15th Dec.
LUBECA ... 1964	499	GFR	m. cargo	Weston Point— Rotterdam	Ballast	Struck a buoy and sank in the River Mersey Estuary in lat. 53 32 13N., long. 03 14 57W., in heavy weather; subsequently reported raised and dismantled.	10th Dec.
LUCKY 1 ... 1950	4791	PAN	m. cargo	At Kaohsiung	...	Off breakwater at Kaohsiung in lat. 22 35N., long. 120 16E., during a typhoon; subsequently sold and broken up.	26th July
MAKIS ... 1944	494	GRC	m. tanker	Piræus—Jiyeh	Gasoline	10 miles S. of Beirut in heavy weather.	19th Jan.
MARIPOSA ... 1955	275	SPN	m. cargo	Huelva—Kenitra	Chloride in cylinders	On rocks 20 miles N. of Kenitra.	4th Mar.
MASASHIGE MARU No. 2 1963	369	JPN	m. cargo	... ..	...	Struck submerged rock and sank off Kurakakesaki Naganocho, Minami Nakagun, Miyazaki.	11th Dec.
NIHAMA MARU ... 1968	599	JPN	m. cargo	Onahama— Minamata	Silica	Stranded and sank 3 miles W. of Genkai Island, Fukuoka Pref., in heavy weather.	8th Apr.
NIKKA MARU... 1960	397	JPN	m. cargo	... ..	...	Stranded and sank in lat. 33 20N., long. 132 10E.	31st May
RANDAROS ... 1933	148	DEN	m. cargo	Randers— Halmstad	Ballast	Stranded N. of Halmstad in heavy weather; subsequently refloated, taken to Ystad, sold and broken up.	27th June
RATINGEN ... 1932	221	GFR	m. cargo	Szczecin— Bremerhaven	Coal	Off Hestehoved Light, near Stubbekobing, Falster Island, in lat. 54 50 06N., long. 12 10 06E; subsequently broken up.	24th Mar.
S. GABRIEL ... 1952	243	FRA	m. fishing	... ..	...	Off Viana do Castelo.	2nd Oct.
SAMUDRA SAI ... 1944	7659	IND	s. cargo	Cochin— Tuticorin	Coal	Stranded at Tuticorin anchorage; subsequently refloated, taken to Bombay, sold and broken up.	25th Sept.
SAN FRANCESCO DI CATONA 1942	396	ITL	m. cargo	Tunisia—Ancona	Horse beans	Off Portonovo, S. of Ancona, in fog.	25th Feb.
SATSUKI MARU No. 2 1970	134	JPN	m. fishing	... ..	...	In lat. 04 45S., long. 148 11E.	19th Apr.
SIGRID ... 1956	1041	CYP	m. cargo	Bordeaux—Rijeka	Machinery	Struck breakwater and sank at Rijeka after dragging anchors in heavy weather.	15th Jan.

Continued



## Wrecked—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
SLAMET IX ... .. 1955	650	IDA	m. tanker	At Tanjung Priok	...	Struck breakwater and capsized at Tanjung Priok after breaking moorings in heavy weather; subsequently broken up.	6th Mar.
SOL KARI ... .. 1969	199	NOR	m. cargo	Kjopsvik—Vadso	Cement	Stranded and sank off Nordkyn.	23rd Oct.
SPJELKVAG ... .. 1925	242	NOR	m. cargo	Kristiansund N.	Iron	Stranded and sank 1½ miles S.E. of Hesnabreggen.	15th Feb.
ST. PEDRO No. 63 ... 1966	187	PAN	m. fishing	... ..	...	Off Nanumea, Ellice Islands, in approximately lat. 06 05S., long. 176 10E.	17th Mar.
TRIUMPH ACE ... .. 1957	3231	PAN	m. cargo	Kaohsiung—Keelung	Ballast	Off Keelung in lat. 25 18 00N., long. 121 31 48E; subsequently sold for breaking up.	27th Sept.
UNIVERSAL ... .. 1945	4886	SNG	m. cargo	Singapore—Abu Dhabi	Sawn timber & plywood	On One Fathom Bank, Strait of Malacca, in approximately lat. 02 53N., long. 100 60E.	30th Apr.
WAKAO MARU ... .. 1966	2501	JPN	m. cargo	Khoe—Tokyo	Ballast	Off Khoe, Sakhalin Island, in lat. 51 20 03N., long. 142 07 09E., in heavy weather.	1st June
WALLACH ... .. 1945	286	AST	w.m. fishing	... ..	...	Off Charles Point Light, Darwin.	18th Jan.
WATER LILY ... .. 1974	428	IND	m. barge	... ..	...	On Hamriyah Harbour breakwater, 7 miles S.S.W. of Umm al Quwain, after dragging anchor.	13th Feb.
WINHO ... .. 1950	3139	PAN	m. cargo	Kaohsiung—Hong Kong	Steel bars & general	In lat. 23 12 30N., long. 117 14 00E.	12th Jan.
YIH HUNG ... .. —	186	CHT	m. fishing	... ..	...	On South Reef, Indispensable Group, S. of Solomon Islands, in lat. 12 57S., long. 160 34E.	12th Mar.

## Lost

(Under this heading are included total losses which for want of sufficient information, or for other reasons, cannot be classified)

Ship's Name and Year of Build	Tons Gross	Flag	Type	Voyage	Cargo	Circumstances and place	Date
GLORY 1 ... .. 1944	2447	PAN	m. cargo	Keelung—Hodeidah	General	45 miles off Port Sudan Harbour	July
LINDA ... .. 1955	2314	PAN	m. cargo	Port Everglades—Venezuela	Baled paper	Sprang leak and beached 1 mile W. of Molasses Reef off Florida Keys in lat. 25 00 30N., long. 80 23 30W., refloated and taken to Miami, sprang leak, developed list and grounded in Miami River; subsequently refloated, towed 16 miles out to sea and scuttled on 21st December.	17th May

## REINSTATE

ADVENTURE, 198 tons gross motor fishing vessel, built 1970, USA flag. Reported foundered on page 20 of the June Quarterly Casualty Return, 1977; since reported raised, repaired and replaced in commission.

NISSHO MARU, 227 tons gross motor cargo ship, built 1973, JPN flag. Reported sank after collision on page 7 of the March Quarterly Casualty Return, 1977; since reported raised and repaired.

## ADDITIONAL INFORMATION

- AMASIA, 229 tons gross wooden motor cargo ship, built 1947, ITL flag. Reported foundered in the Bay of Naples on 10th August, 1971.
- AMVRAKIKOS, 4492 tons gross motor cargo ship, built 1960, GRC flag. Reported damaged by fire at Piræus on 17th October, 1973; subsequently taken to Ambelaki, sold and broken up.
- ANASTASIA P, 458 tons gross motor cargo ship, built 1931, GRC flag. Reported wrecked off Sidon on 15th October, 1976.
- ARCTIC FOX, 231 tons gross wooden motor research ship, built 1943, USA flag. Reported damaged by fire and sank at Hingham Shipyard, Massachusetts, on 28th February, 1975; subsequently broken up.
- BATISSA, 3738 tons gross motor tanker, built 1944, ARG flag. Reported caught fire after collision with ITALMOTOR (T) in River Parana and stranded on 7th June, 1970; subsequently refloated, towed to Buenos Aires, sold and broken up.
- BORE, 2471 tons gross steam cargo ship, built 1955, PAN flag. Reported sank after fire and explosion at Tripoli, Libya, on 23rd May, 1975.
- BRIO, 247 tons gross motor cargo ship, built 1939, SWD flag. Reported sank after collision with PASSAT off Travemunde on 1st December, 1974, in fog; subsequently raised, taken to Lubeck, sold and broken up.
- CABOT STRAIT, 2045 tons gross steam passenger and cargo ship, built 1947, CAN flag. Reported struck rock in lat. 52 03 38N., long. 55 50 09W., on 6th August, 1974, refloated and proceeded to Goose Bay and thence to St. John's; subsequently sold, towed to Brownsville and broken up.
- CALA GAT, 283 tons gross wooden motor cargo ship, built 1935, SPN flag. Reported foundered at Palma de Mallorca on 11th September, 1973.
- CORAL, 8932 tons gross motor cargo ship, built 1950, CUB flag. Reported damaged by fire at Havana on 25th September, 1976; subsequently beached at Playa del Chiro and broken up.
- CORONA ENERGY, 20727 tons gross steam tanker, built 1957, LIB flag. Reported stranded off Coatzacoalcos on 9th October, 1976, refloated, towed to Key West and thence to Falmouth; subsequently towed to Bilbao, sold and broken up.
- DA MEO PATACCA, 137 tons gross wooden motor cargo ship, built 1946, ITL flag. Reported wrecked in Gaeta Bay in February, 1974.
- GEOMAR, 174 tons gross motor research ship, built 1962, ITL flag. Reported stranded at Trieste on 7th February, 1974; subsequently refloated and converted for use as a non-propelled floating restaurant.
- GULF COAST, 1096 tons gross motor cargo ship, built 1958, CYP flag. Reported struck Knight Rock on 30th July, 1976 and taken to Sinoe where beached after fire on 31st July, 1976; subsequently dismantled.
- HUNG TAO, 1992 tons gross motor cargo ship, built 1966, PAN flag. Reported sank after collision with KOYO MARU E. of Shodo Island in lat. 34 24N., long. 134 17E., on 8th August, 1976; subsequently raised, taken to Busan and broken up.
- INGRID FREM, 300 tons gross motor cargo ship, built 1972, DEN flag. Reported foundered 35 miles N. of Isles of Scilly in lat. 50 47 08N., long. 05 50 00W., on 12th October, 1976.
- JINAM No. 17, 142 tons gross motor fishing vessel, built 1964, KRS flag. Reported stranded N.N.E. end of Nui Island, Ellice Islands, in lat. 07 16S., long. 177 20E., on 15th April, 1975, refloated, towed to Suva and thence to Pago Pago; subsequently scuttled 20 miles off Pago Pago Harbour late in 1977.
- KAIYO MARU, 231 tons gross motor fishing vessel, built 1958, JPN flag. Reported lost in approximately lat. 45 25N., long. 157 00E., on 12th October, 1976.
- LAUSER II, 172 tons gross wooden motor cargo ship, IDA flag. Reported sank after collision with a barge off Belawan Harbour on 5th September, 1976.
- MAHAVEL, 231 tons gross motor fishing vessel, built 1960, FRA flag. Reported wrecked on Europa Island, Mozambique Channel, in lat. 22 20S., long. 40 23E., on 19th July, 1976.
- MARGARET A, 108 tons gross motor fishing vessel, built 1965, USA flag. Reported foundered at Frederick Sound Bay, Turnabout Island, Alaska, on 22nd November, 1976.
- MARITISANT, 1167 tons gross steam cargo ship, built 1930, DOM flag. Reported wrecked at Puerto Castilla, Honduras, on 18th September, 1974.
- MARTEN, 188 tons gross wooden motor cargo ship, built 1943, USA flag. Reported foundered off Kodiak Island on 20th February, 1975.
- MEREGHAN IV, 573 tons gross motor cargo ship, built 1944, BAH flag. Reported foundered off Puerto Estrella in August, 1975.

Continued

ADDITIONAL INFORMATION—*Continued*

- MIMI LOU, 191 tons gross motor fishing vessel, built 1950, USA flag. Reported burnt 3 miles S.W. of Point Lazarra, Baja California, on 1st December, 1974.
- PLAYA DE IZUNZA, 117 tons gross wooden motor fishing vessel, built 1964, SPN flag. Reported foundered in lat. 36 55N., long. 11 50W., on 11th November, 1975, in heavy weather.
- PORTUGUESA, 270 tons gross wooden motor fishing vessel, built 1945, USA flag. Reported foundered 30 miles off Punta Abrejos, Baja California, on 26th December, 1975.
- RIO SINU, 385 tons gross motor cargo ship, built 1942, NTH flag. Reported wrecked at Rio Flacha, Colombia, in 1958.
- SALEM, 498 tons gross wooden motor cargo ship, built 1949, LEB flag. Reported sunk during hostilities at Beirut in January, 1976.
- SEA VICTORY, 423 tons gross motor cargo ship, built 1953, CPY flag. Reported sank after collision with STAKARA (T) at Jeddah on 17th October, 1976; subsequently raised and scuttled.
- SHARI D, 199 tons gross motor fishing vessel, built 1974, USA flag. Reported foundered 70 miles W. of Cape San Lazaro, Baja California, on 29th August, 1974.
- SHINKO MARU NO. 5, 330 tons gross motor cargo ship, built 1963, JPN flag. Reported sank after collision with KOKUEI MARU at Miyako on 31st July, 1976.
- STANDARD II, 184 tons gross wooden motor fishing vessel, built 1943, NOR flag. Reported wrecked at Rolfsvag, Samnangerfjord, on 7th November, 1973.
- STAR OF PEACE, 161 tons gross motor fishing vessel, built 1971, USA flag. Reported struck submerged object and sank in lat. 27 51N., long. 87 03W., on 10th July, 1975.
- SUN GLOW, 183 tons gross wooden motor fishing vessel, built 1946, USA flag. Reported stranded 5 miles W. of Abrejos Point, Baja California, on 1st August, 1975; subsequently refloated but sank whilst proceeding to San Diego on 6th August, 1975.
- TAE PYUNG YANG NO. 1, 377 tons gross motor fishing vessel, KRS flag. Reported sank after collision with KENWA MARU in the Kanmon Strait on 21st March, 1976; subsequently raised, taken to Etajima and broken up.
- WHITE GOLD, 260 tons gross motor tug, built 1948, USA flag. Reported burnt in the River Mississippi on 12th November, 1975.
- WILLIAM WHEELWRIGHT, 30976 tons gross steam tanker, built 1960, GBI flag. Reported stranded in lat. 04 48N., long. 08 41W., on 26th December, 1975; subsequently refloated, taken to Santander, sold and broken up.

## Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
DAIKO MARU No. 8... .. 1962	178	JPN	m. tanker	Broken up ... ..	Japan
DAIKOKU MARU No. 8 ... .. 1959	372	JPN	m. cargo	Broken up ... ..	Japan
DAINICHI MARU ... .. 1967	396	JPN	m. tanker	Broken up ... ..	Japan
DAIRYU MARU ... .. 1954	404	JPN	m. fishing	Broken up ... ..	Japan
DAITOKU MARU No. 7 ... .. 1954	436	JPN	m. fish carrier	Broken up ... ..	Japan
DAIYU MARU... .. 1960	355	JPN	m. cargo	Broken up ... ..	Japan
DELAWARE ... .. 1941	2542	USA	s. ferry	Broken up ... ..	United States of America
DISCOVERER ... .. 1955	5154	LIB	s. bulk carrier	Broken up ... ..	United States of America
DONETSK ... .. 1954	2233	USR	s. cargo	Broken up ... ..	Japan
DROTEN ... .. 1928	888	FIN	s. ferry	Broken up ... ..	Finland
EAGLE ... .. 1955	20216	PAN	m. tanker	Broken up ... ..	Taiwan, Province of
EBISU MARU... .. 1967	499	JPN	m. tanker	Broken up ... ..	Japan
EGGOY ... .. 1917	191	NOR	m. fishing	Broken up ... ..	Norway
EIFUKU MARU No. 1 ... .. 1959	230	JPN	m. cargo	Broken up ... ..	Japan
EIFUKU MARU No. 2 ... .. 1962	198	JPN	m. cargo	Broken up ... ..	Japan
EIFUKU MARU No. 3 ... .. 1960	350	JPN	m. cargo	Broken up ... ..	Japan
EIFUKU MARU No. 8 ... .. 1962	344	JPN	m. cargo	Broken up ... ..	Japan
EIFUKU MARU No. 8 ... .. 1964	153	JPN	m. tanker	Broken up ... ..	Japan
EISHIN MARU No. 5 ... .. 1966	194	JPN	m. sand carrier	Broken up ... ..	Japan
EISHIN MARU No. 12 ... .. 1964	830	JPN	m. tanker	Broken up ... ..	Japan
EITOKU MARU ... .. 1963	199	JPN	m. cargo	Broken up ... ..	Japan
EITOKU MARU No. 8 ... .. 1964	195	JPN	m. cargo	Broken up ... ..	Japan
EIWA MARU ... .. 1961	198	JPN	m. tanker	Broken up ... ..	Japan
EIYO MARU ... .. 1966	699	JPN	m. tanker	Broken up ... ..	Japan
EIZAN MARU... .. 1957	699	JPN	m. cargo	Broken up ... ..	Japan
EIZAN MARU No. 38 ... .. 1965	972	JPN	m. tanker	Broken up ... ..	Japan
EKIZAN MARU ... .. 1957	499	JPN	m. cargo	Broken up ... ..	Japan
EMERALD STAR ... .. 1948	5943	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
ESSO PUNTA DEL ESTE ... .. 1959	21619	URG	m. tanker	Broken up ... ..	Taiwan, Province of
EVER OCEAN... .. 1956	12889	PAN	m. cargo	Broken up ... ..	Taiwan, Province of
EVER WEALTH ... .. 1945	7668	CHT	m. cargo	Broken up ... ..	Taiwan, Province of
FOREMOST 51 ... .. 1937	380	SAF	s. hopper dredger	Broken up ... ..	South Africa
FRIENDSHIP L ... .. 1958	12180	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
FUDO MARU No. 23... .. 1953	135	JPN	m. trawler	Broken up ... ..	Japan
FUKUEI MARU No. 1 ... .. 1959	447	JPN	m. cargo	Broken up ... ..	Japan
FUKUSHO MARU No. 5 ... .. 1964	459	JPN	m. cargo	Broken up ... ..	Japan
FUKUSHO MARU No. 10 ... .. 1957	488	JPN	m. cargo	Broken up ... ..	Japan
FUKUSHO MARU No. 12 ... .. 1964	485	JPN	m. chemical tanker	Broken up ... ..	Japan
FUKUTOMI MARU ... .. 1962	140	JPN	m. cargo	Broken up ... ..	Japan

Continued

Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
FUKUYAMA MARU No. 2 ... .. 1962	193	JPN	m. cargo	Broken up ... ..	Japan
FUKUYO MARU No. 2 ... .. 1961	197	JPN	m. tanker	Broken up ... ..	Japan
FUKUYOSHI MARU... .. 1962	241	JPN	m. cargo	Broken up ... ..	Japan
FUKUYOSHI MARU No. 2... .. 1964	499	JPN	m. tanker	Broken up ... ..	Japan
FUKUYOSHI MARU No. 5... .. 1963	474	JPN	m. cargo	Broken up ... ..	Japan
FUKUYOSHI MARU No. 5... .. 1956	321	JPN	m. cargo	Broken up ... ..	Japan
FULGOR ... .. 1942	266	ITL	s. tug	Broken up ... ..	Italy
FUNADASAN MARU No. 5... .. 1957	298	JPN	m. cargo	Broken up ... ..	Japan
FUTABA MARU No. 3 ... .. 1963	484	JPN	m. cargo	Broken up ... ..	Japan
FUYO MARU No. 111 ... .. 1966	152	JPN	m. cargo	Broken up ... ..	Japan
GARNET ... .. 1962	31073	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
GEH YUNG ... .. 1944	7634	CHT	s. container	Broken up ... ..	Taiwan, Province of
GEIYO MARU No. 1... .. 1961	419	JPN	m. cargo	Broken up ... ..	Japan
GEIYO MARU No. 7... .. 1962	299	JPN	m. cargo	Broken up ... ..	Japan
GINRYU MARU ... .. 1959	296	JPN	m. cargo	Broken up ... ..	Japan
GION MARU No. 11... .. 1961	395	JPN	m. cargo	Broken up ... ..	Japan
GIOVANNA ... .. 1953	10699	GRC	m. bulk carrier	Broken up ... ..	Korea (South)
GOWA MARU... .. 1966	997	JPN	m. tanker	Broken up ... ..	Japan
GOYO MARU No. 18 ... .. 1963	490	JPN	m. cargo	Broken up ... ..	Japan
GREAT JUSTICE ... .. 1960	12653	PAN	s. tanker	Broken up ... ..	Taiwan, Province of
HACHIO MARU No. 8 ... .. 1950	299	JPN	m. cargo	Broken up ... ..	Japan
HAKKO MARU ... .. 1966	191	JPN	m. pusher tug	Broken up ... ..	Japan
HAKUSHIN MARU ... .. 1963	363	JPN	m. cargo	Broken up ... ..	Japan
HAKUSHO MARU ... .. 1961	299	JPN	m. tanker	Broken up ... ..	Japan
HAKUSHUN MARU No. 3 ... .. 1964	197	JPN	m. fishing	Broken up ... ..	Japan
HAMAKO MARU No. 10 ... .. 1959	339	JPN	m. cargo	Broken up ... ..	Japan
HATSUSE MARU ... .. 1962	109	JPN	m. tanker	Broken up ... ..	Japan
HINO MARU No. 8 ... .. 1966	136	JPN	m. tanker	Broken up ... ..	Japan
HINODE MARU ... .. 1961	381	JPN	m. cargo	Broken up ... ..	Japan
HINODE MARU No. 5 ... .. 1961	316	JPN	m. tanker	Broken up ... ..	Japan
HINODE MARU No. 10 ... .. 1963	579	JPN	m. tanker	Broken up ... ..	Japan
HINOKI MARU ... .. 1956	372	JPN	m. cargo	Broken up ... ..	Japan
HIRADO MARU ... .. 1962	348	JPN	m. cargo	Broken up ... ..	Japan
HISAYOSHI MARU No. 5 ... .. 1957	285	JPN	m. cargo	Broken up ... ..	Japan
HODA MARU No. 5 ... .. 1961	147	JPN	m. sand carrier	Broken up ... ..	Japan
HODA MARU No. 6 ... .. 1961	147	JPN	m. sand carrier	Broken up ... ..	Japan
HOEI MARU ... .. 1965	199	JPN	m. cargo	Broken up ... ..	Japan
HOEI MARU No. 10 ... .. 1964	199	JPN	m. cargo	Broken up ... ..	Japan
HOEI MARU No. 35 ... .. 1963	160	JPN	m. tanker	Broken up ... ..	Japan
HOJU MARU ... .. 1962	176	JPN	m. cargo	Broken up ... ..	Japan

*Continued*



Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KARIGANE MARU ... .. 1962	196	JPN	m. cargo	Broken up ... ..	Japan
KARL MARX ... .. 1949	258	GDR	m. fishing	Broken up ... ..	Germany, Federal Republic of
KASHI MARU No. 3 ... .. 1966	316	JPN	m. cargo	Broken up ... ..	Japan
KASHI MARU No. 8 ... .. 1960	499	JPN	m. cargo	Broken up ... ..	Japan
KASUGA MARU ... .. 1961	389	JPN	m. cargo	Broken up ... ..	Japan
KASUGA MARU No. 5 ... .. 1968	497	JPN	m. cargo	Broken up ... ..	Japan
KATSU MARU No. 8 ... .. 1961	132	JPN	m. cargo	Broken up ... ..	Japan
KATSURAGI MARU ... .. 1959	198	JPN	m. cargo	Broken up ... ..	Japan
KATSURAGI MARU ... .. 1968	160	JPN	m. tug	Broken up ... ..	Japan
KAWAGUCHI MARU No. 2 ... .. 1959	194	JPN	m. cargo	Broken up ... ..	Japan
KAYO MARU ... .. 1963	499	JPN	m. cargo	Broken up ... ..	Japan
KHAMSIN ... .. 1957	18302	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
KIKO MARU No. 3 ... .. 1964	190	JPN	m. cargo	Broken up ... ..	Japan
KIKU MARU ... .. 1961	660	JPN	m. cargo	Broken up ... ..	Japan
KIKU MARU No. 3 ... .. 1963	377	JPN	m. cargo	Broken up ... ..	Japan
KIKU MARU No. 5 ... .. 1960	247	JPN	m. tanker	Broken up ... ..	Japan
KIKUWA MARU ... .. 1961	415	JPN	m. tanker	Broken up ... ..	Japan
KINJU MARU ... .. 1961	119	JPN	m. cargo	Broken up ... ..	Japan
KINJU MARU No. 3 ... .. 1963	199	JPN	m. cargo	Broken up ... ..	Japan
KINKAI MARU ... .. 1956	279	JPN	m. cargo	Broken up ... ..	Japan
KINKAI MARU No. 10 ... .. 1963	135	JPN	m. tanker	Broken up ... ..	Japan
KINKO MARU ... .. 1959	361	JPN	m. cargo	Broken up ... ..	Japan
KINSEI MARU No. 2 ... .. 1966	199	JPN	m. sand carrier	Broken up ... ..	Japan
KINSEI MARU No. 8 ... .. 1963	197	JPN	m. cargo	Broken up ... ..	Japan
KINSEI MARU No. 22 ... .. 1968	197	JPN	m. sand carrier	Broken up ... ..	Japan
KINSHO MARU No. 11 ... .. 1967	310	JPN	m. sand carrier	Broken up ... ..	Japan
KINYU MARU ... .. 1971	124	JPN	m. fishing	Broken up ... ..	Japan
KINYU MARU No. 2 ... .. 1961	255	JPN	m. tanker	Broken up ... ..	Japan
KIRISHIMA MARU ... .. 1968	161	JPN	m. pusher tug	Broken up ... ..	Japan
KISARAGI MARU ... .. 1961	290	JPN	m. tanker	Broken up ... ..	Japan
KISHO MARU No. 3 ... .. 1959	269	JPN	m. cargo	Broken up ... ..	Japan
KISO ... .. 1951	242	JPN	m. patrol	Broken up ... ..	Japan
KISSEI MARU No. 23 ... .. 1966	499	JPN	m. cargo	Broken up ... ..	Japan
KIYO MARU No. 8 ... .. 1960	498	JPN	m. cargo	Broken up ... ..	Japan
KIYO MARU No. 31 ... .. 1962	424	JPN	m. tanker	Broken up ... ..	Japan
KIYOSUE MARU ... .. 1962	199	JPN	m. cargo	Broken up ... ..	Japan
KNOSSOS ... .. 1953	10886	GRC	m. passenger & cargo	Broken up ... ..	Greece
KOA MARU No. 7 ... .. 1960	458	JPN	m. tanker	Broken up ... ..	Japan

*Continued*

## Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KOCHO MARU ... .. 1963	999	JPN	m. cargo	Broken up ... ..	Japan
KOEI MARU ... .. 1964	132	JPN	m. cargo	Broken up ... ..	Japan
KOEI MARU No. 2 ... .. 1963	274	JPN	m. cargo	Broken up ... ..	Japan
KOEI MARU No. 2 ... .. 1964	254	JPN	m. cargo	Broken up ... ..	Japan
KOEI MARU No. 11 ... .. 1964	345	JPN	m. cargo	Broken up ... ..	Japan
KOEI MARU No. 15 ... .. 1952	299	JPN	m. fishing	Broken up ... ..	Japan
KOFUKU MARU ... .. 1960	359	JPN	m. cargo	Broken up ... ..	Japan
KOHO MARU No. 1 ... .. 1965	271	JPN	m. tanker	Broken up ... ..	Japan
KOHO MARU No. 5 ... .. 1975	184	JPN	m. sand carrier	Broken up ... ..	Japan
KOJIN MARU No. 12 ... .. 1964	195	JPN	m. sand carrier	Broken up ... ..	Japan
KOJO MARU ... .. 1962	199	JPN	m. tanker	Broken up ... ..	Japan
KOJUN MARU ... .. 1962	167	JPN	m. cargo	Broken up ... ..	Japan
KOKUYU MARU ... .. 1964	131	JPN	m. cargo	Broken up ... ..	Japan
KOMSOMLETS PRIMORYA ... 1960	3087	USR	m. tanker	Broken up ... ..	Japan
KONAN MARU No. 20 ... .. 1956	750	JPN	m. whaler	Broken up ... ..	Japan
KONPIRA MARU No. 1 ... .. 1950	177	JPN	m. fishing	Broken up ... ..	Japan
KONPIRA MARU No. 3 ... .. 1963	112	JPN	m. cargo	Broken up ... ..	Japan
KONPIRA MARU No. 5 ... .. 1964	169	JPN	m. cargo	Broken up ... ..	Japan
KORYU MARU ... .. 1956	407	JPN	m. cargo	Broken up ... ..	Japan
KOSEI MARU... .. 1959	199	JPN	m. cargo	Broken up ... ..	Japan
KOSEI MARU... .. 1960	179	JPN	m. tanker	Broken up ... ..	Japan
KOSEI MARU No. 18 ... .. 1965	641	JPN	m. tanker	Broken up ... ..	Japan
KOSHI MARU... .. 1963	125	JPN	m. sand carrier	Broken up ... ..	Japan
KOSHIN MARU ... .. 1960	197	JPN	m. cargo	Broken up ... ..	Japan
KOSHIN MARU No. 1 ... .. 1966	295	JPN	m. cargo	Broken up ... ..	Japan
KOTOBUKI MARU No. 8 ... .. 1964	319	JPN	m. tanker	Broken up ... ..	Japan
KOTOKU MARU ... .. 1961	199	JPN	m. cargo	Broken up ... ..	Japan
KOTOKU MARU No. 5 ... .. 1963	196	JPN	m. cargo	Broken up ... ..	Japan
KOTOSHIRO MARU No. 18 ... 1953	299	JPN	m. fishing	Broken up ... ..	Japan
KOUN MARU No. 1 ... .. 1962	288	JPN	m. cargo	Broken up ... ..	Japan
KOUN MARU No. 2 ... .. 1963	289	JPN	m. cargo	Broken up ... ..	Japan
KOUN MARU No. 3 ... .. 1963	448	JPN	m. cargo	Broken up ... ..	Japan
KOUN MARU No. 5 ... .. 1959	437	JPN	m. cargo	Broken up ... ..	Japan
KOUN MARU No. 5 ... .. 1965	426	JPN	m. cargo	Broken up ... ..	Japan
KOWA MARU... .. 1962	193	JPN	m. tanker	Broken up ... ..	Japan
KOYO MARU... .. 1962	157	JPN	m. cargo	Broken up ... ..	Japan
KOZAN MARU ... .. 1958	378	JPN	m. cargo	Broken up ... ..	Japan
KOZAN MARU ... .. 1961	199	JPN	m. tanker	Broken up ... ..	Japan
KOZAN MARU No. 2 ... .. 1962	189	JPN	m. tanker	Broken up ... ..	Japan

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Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
KUMI MARU No. 13... .. 1961	113	JPN	m. tanker	Broken up ... ..	Japan
KUNIHIRO MARU ... .. 1966	144	JPN	m. cargo	Broken up ... ..	Japan
KUROSHIO MARU No. 6 ... .. 1963	184	JPN	m. tanker	Broken up ... ..	Japan
KYO MARU No. 11 ... .. 1961	196	JPN	m. tanker	Broken up ... ..	Japan
KYOEI MARU No. 2... .. 1961	499	JPN	m. cargo	Broken up ... ..	Japan
KYOJU MARU ... .. 1961	188	JPN	m. tanker	Broken up ... ..	Japan
KYOSHIN MARU No. 2 ... .. 1959	193	JPN	m. tanker	Broken up ... ..	Japan
KYOTETSU MARU No. 2 ... .. 1965	187	JPN	m. cargo	Broken up ... ..	Japan
KYOTOKU MARU No. 1 ... .. 1948	105	JPN	m. cargo	Broken up ... ..	Japan
KYOWA MARU No. 1 ... .. 1963	199	JPN	m. mud carrier	Broken up ... ..	Japan
KYOWA MARU No. 2 ... .. 1962	192	JPN	m. tanker	Broken up ... ..	Japan
MANKI MARU ... .. 1958	199	JPN	m. cargo	Broken up ... ..	Japan
MARUNAKA MARU No. 38 ... .. 1956	299	JPN	m. fishing	Broken up ... ..	Japan
MARY LOU ... .. 1958	24065	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
MASASHIGE MARU No. 5... .. 1963	349	JPN	m. cargo	Broken up ... ..	Japan
MASUEI MARU No. 3 ... .. 1963	184	JPN	m. cargo	Broken up ... ..	Japan
MATSUEI MARU No. 3 ... .. 1965	168	JPN	m. cargo	Broken up ... ..	Japan
MEISEI MARU No. 8 ... .. 1956	352	JPN	m. cargo	Broken up ... ..	Japan
MEITOKU MARU No. 12 ... .. 1964	348	JPN	m. cargo	Broken up ... ..	Japan
MERI PRIMERO ... .. 1944	7223	ARG	s. cargo	Broken up ... ..	Argentina
MIE MARU ... .. 1965	154	JPN	m. tanker	Broken up ... ..	Japan
MIKE MARU No. 1... .. 1961	337	JPN	m. tanker	Broken up ... ..	Japan
MIKI MARU ... .. 1962	198	JPN	m. sand carrier	Broken up ... ..	Japan
MINOS ... .. 1957	21228	LIB	s. tanker	Broken up ... ..	Spain
MISAKI MARU No. 11 ... .. 1958	294	JPN	m. cargo	Broken up ... ..	Japan
MISAO MARU ... .. 1962	150	JPN	m. cargo	Broken up ... ..	Japan
MITSU MARU No. 3... .. 1961	380	JPN	m. tanker	Broken up ... ..	Japan
MITSU MARU No. 7... .. 1961	353	JPN	m. tanker	Broken up ... ..	Japan
MIYAFUJI MARU ... .. 1960	264	JPN	m. cargo	Broken up ... ..	Japan
MIYAKIYO MARU ... .. 1962	485	JPN	m. cargo	Broken up ... ..	Japan
MIYAKO MARU No. 1 ... .. 1963	199	JPN	m. cargo	Broken up ... ..	Japan
MIYAURA MARU ... .. 1961	175	JPN	m. tanker	Broken up ... ..	Japan
MIZUHO MARU No. 5 ... .. 1961	314	JPN	m. cargo	Broken up ... ..	Japan
MOTOSHIMA MARU ... .. 1963	194	JPN	m. cargo	Broken up ... ..	Japan
MYOUN MARU ... .. 1961	140	JPN	m. cargo	Broken up ... ..	Japan
NACHISAN MARU ... .. 1963	478	JPN	m. cargo	Broken up ... ..	Japan
NAGARA ... .. 1952	237	JPN	m. patrol	Broken up ... ..	Japan
NAGOYA MARU ... .. 1963	496	JPN	m. cargo	Broken up ... ..	Japan
NAKAYOSHI MARU No. 5... .. 1965	441	JPN	m. cargo	Broken up ... ..	Japan

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## Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Country	Description	Disposal	Where disposed of
NANGOKU MARU No. 1 ... .. 1965	299	JPN	m. cargo	Broken up ... ..	Japan
NANKAI MARU No. 5 ... .. 1958	187	JPN	m. cargo	Broken up ... ..	Japan
NANKO MARU ... .. —	206	JPN	m. sand carrier	Broken up ... ..	Japan
NANSHIN MARU ... .. 1959	433	JPN	m. cargo	Broken up ... ..	Japan
NATIONAL TRADER ... .. 1920	7958	USA	s. bulk carrier	Broken up ... ..	Canada
NAYSSAAR ... .. 1954	402	USR	m. cargo	Broken up ... ..	U.S.S.R.
NICHIRIN MARU ... .. 1960	297	JPN	m. tanker	Broken up ... ..	Japan
NICHIYO MARU No. 7 ... .. 1964	282	JPN	m. tanker	Broken up ... ..	Japan
NIELS PETER... .. 1910	136	DEN	m. suction dredger	Broken up ... ..	Denmark
NIKKO MARU ... .. 1960	399	JPN	m. cargo	Broken up ... ..	Japan
NIKKO MARU No. 2... .. 1964	689	JPN	m. tanker	Broken up ... ..	Japan
NIKKO MARU No. 3... .. 1960	406	JPN	m. cargo	Broken up ... ..	Japan
NIKKO MARU No. 3... .. 1960	299	JPN	m. cargo	Broken up ... ..	Japan
NIKKO MARU No. 3... .. 1963	194	JPN	m. cargo	Broken up ... ..	Japan
NIKKO MARU No. 7... .. 1964	199	JPN	m. cargo	Broken up ... ..	Japan
NIPPO MARU No. 68 ... .. 1963	863	JPN	m. tanker	Broken up ... ..	Japan
NISSHIN MARU No. 15 ... .. 1963	450	JPN	m. cargo	Broken up ... ..	Japan
NISSHO MARU ... .. 1960	136	JPN	m. tanker	Broken up ... ..	Japan
NISSHO MARU ... .. 1966	134	JPN	m. tanker	Broken up ... ..	Japan
NITTO MARU No. 30 ... .. 1956	378	JPN	m. fishing	Broken up ... ..	Japan
NORMA M. BYRNE ... .. 1943	14202	PAN	s. bulk carrier	Broken up ... ..	Spain
NOSHIRO ... .. 1951	243	JPN	m. patrol	Broken up ... ..	Japan
OCEAN QUEEN ... .. 1955	2481	MDV	s. cargo	Broken up ... ..	India
OGATA MARU ... .. 1965	198	JPN	m. tanker	Broken up ... ..	Japan
OGATAMA MARU ... .. 1946	105	JPN	s. tug	Broken up ... ..	Japan
OHAMA MARU No. 8 ... .. 1961	354	JPN	m. cargo	Broken up ... ..	Japan
OLYMPIC GULF ... .. 1954	20495	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
ORIENTAL SATELLITE ... .. 1960	28897	LIB	s. tanker	Broken up ... ..	Taiwan, Province of
OTOSHI MARU ... .. 1960	438	JPN	m. cargo	Broken up ... ..	Japan
PECOS ... .. 1950	17291	USA	s. tanker	Broken up ... ..	United States of America
PENNANT ... .. 1954	19440	LIB	s. tanker	Broken up ... ..	Spain
PERICLES G.C. ... .. 1955	17999	GRC	s. ore/oil carrier	Broken up ... ..	Korea (South)
PHILINE ... .. 1959	30165	LIB	s. tanker	Broken up ... ..	United Kingdom
PLUVIOSE ... .. 1960	32726	FRA	s. tanker	Broken up ... ..	Taiwan, Province of
PORTO ... .. 1955	20060	GRC	m. tanker	Broken up ... ..	Taiwan, Province of
RAKUYO MARU ... .. 1961	117	JPN	m. tanker	Broken up ... ..	Japan
RAKUYO MARU No. 2 ... .. 1960	410	JPN	m. cargo	Broken up ... ..	Japan

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Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Country	Description	Disposal	Where disposed of
BEIYO MARU ... .. —	199	JPN	m. cargo	Broken up ... ..	Japan
BICHARD VOWELL ... .. 1950	1047	PAN	s. hopper dredger	Broken up ... ..	Singapore
BISSEI MARU No. 2... .. 1969	194	JPN	m. sand carrier	Broken up ... ..	Japan
BIVERSHELL ... .. 1933	884	CAN	m. tank barge	Broken up ... ..	Canada
BYOAN MARU No. 18 ... .. 1962	299	JPN	m. fishing	Broken up ... ..	Japan
BYOEI MARU No. 5... .. 1961	197	JPN	m. tanker	Broken up ... ..	Japan
BYOKO MARU No. 1 ... .. 1968	289	JPN	m. cargo	Broken up ... ..	Japan
BYOZAN MARU No. 2 ... .. 1962	1906	JPN	m. cargo	Broken up ... ..	Japan
BYUJIN MARU No. 3 ... .. 1958	199	JPN	m. cargo	Broken up ... ..	Japan
BYUSHO MARU ... .. 1961	390	JPN	m. cargo	Broken up ... ..	Japan
SACHI MARU... .. 1958	199	JPN	m. cargo	Broken up ... ..	Japan
SADA MARU No. 5 ... .. 1962	134	JPN	m. fishing	Broken up ... ..	Japan
SAGAMI ... .. 1951	232	JPN	m. patrol	Broken up ... ..	Japan
SAHEI MARU No. 3... .. 1961	190	JPN	m. tanker	Broken up ... ..	Japan
SAIWAI MARU No. 3 ... .. 1958	199	JPN	m. cargo	Broken up ... ..	Japan
SAIWAI MARU No. 5 ... .. 1961	199	JPN	m. cargo	Broken up ... ..	Japan
SAIWAI MARU No. 6 ... .. 1965	494	JPN	m. tanker	Broken up ... ..	Japan
SAKAI MARU... .. 1959	442	JPN	m. cargo	Broken up ... ..	Japan
SAKURA MARU ... .. 1939	282	JPN	m. cargo	Broken up ... ..	Japan
SAKURA MARU No. 5 ... .. 1967	486	JPN	m. chemical tanker	Broken up ... ..	Japan
SANGYO MARU ... .. 1968	199	JPN	m. fishing	Broken up ... ..	Japan
SANKO MARU ... .. 1944	163	JPN	s. tug	Broken up ... ..	Japan
SANKYO MARU No. 7 ... .. 1965	485	JPN	m. tanker	Broken up ... ..	Japan
SANSHA MARU No. 15 ... .. 1966	102	JPN	m. tanker	Broken up ... ..	Japan
SANWO MARU ... .. 1962	477	JPN	m. cargo	Broken up ... ..	Japan
SANYO MARU No. 5 ... .. 1961	342	JPN	m. cargo	Broken up ... ..	Japan
SANYU MARU No. 1 ... .. 1961	384	JPN	m. cargo	Broken up ... ..	Japan
SASA MARU No. 1 ... .. 1961	450	JPN	m. cargo	Broken up ... ..	Japan
SATSUKI MARU ... .. 1964	282	JPN	m. cargo	Broken up ... ..	Japan
SCOTIA CAREER ... .. 1952	9217	PAN	m. cargo	Broken up ... ..	China, People's Republic of
SEGUIN... .. 1943	1117	USA	m. tug	Broken up ... ..	United States of America
SEIEI MARU No. 13... .. 1961	179	JPN	m. cargo	Broken up ... ..	Japan
SEIFUKU MARU No. 18 ... .. 1964	238	JPN	m. tanker	Broken up ... ..	Japan
SEIKAI MARU ... .. 1937	1012	JPN	m. dredger	Broken up ... ..	Japan
SEIKEN MARU ... .. 1965	386	JPN	m. cargo	Broken up ... ..	Japan
SEIKO MARU... .. 1965	167	JPN	m. tanker	Broken up ... ..	Japan
SEIKO MARU No. 1 ... .. 1961	497	JPN	m. tanker	Broken up ... ..	Japan
SEIKO MARU No. 2 ... .. 1947	177	JPN	m. cargo	Broken up ... ..	Japan

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1977

## Condemned, Broken up, etc.—continued

Ship's Name and Year of Build	Tons Gross	Country	Description	Disposal	Where disposed of
SEIO MARU ... .. 1967	497	JPN	m. sand carrier	Broken up ... ..	Japan
SEISHO MARU ... .. 1961	361	JPN	m. cargo	Broken up ... ..	Japan
SEIUN MARU No. 10 ... .. 1967	499	JPN	m. tanker	Broken up ... ..	Japan
SEIYO MARU... .. 1960	297	JPN	m. cargo	Broken up ... ..	Japan
SENGAKU MARU ... .. 1965	499	JPN	m. cargo	Broken up ... ..	Japan
SENGOKU MARU No. 1 ... .. 1965	407	JPN	m. sand carrier	Broken up ... ..	Japan
SENWA MARU No. 8 ... .. 1966	498	JPN	m. tanker	Broken up ... ..	Japan
SETO MARU ... .. 1967	490	JPN	m. cargo	Broken up ... ..	Japan
SEVILLE ... .. 1949	6395	PAN	m. cargo	Broken up ... ..	Pakistan
SHELL MARU No. 8... .. 1965	496	JPN	m. tanker	Broken up ... ..	Japan
SHIGE MARU No. 5... .. 1960	162	JPN	m. dredger	Broken up ... ..	Japan
SHIKASHIMA MARU No. 7 ... 1954	120	JPN	m. ferry	Broken up ... ..	Japan
SHIMA MARU No. 2 ... .. 1963	193	JPN	m. cargo	Broken up ... ..	Japan
SHINEI MARU No. 5 ... .. 1962	296	JPN	m. cargo	Broken up ... ..	Japan
SHINEI MARU No. 11 ... .. 1966	384	JPN	m. chemical tanker	Broken up ... ..	Japan
SHINKO MARU No. 2 ... .. 1963	194	JPN	m. cargo	Broken up ... ..	Japan
SHINKO MARU No. 2 ... .. 1963	131	JPN	m. cargo	Broken up ... ..	Japan
SHINKO MARU No. 10 ... .. 1961	289	JPN	m. cargo	Broken up ... ..	Japan
SHINKO MARU No. 11 ... .. 1961	287	JPN	m. cargo	Broken up ... ..	Japan
SHINKO MARU No. 18 ... .. 1961	348	JPN	m. tanker	Broken up ... ..	Japan
SHINMARUI MARU... .. 1963	489	JPN	m. cargo	Broken up ... ..	Japan
SHINPUKU MARU ... .. 1958	150	JPN	m. cargo	Broken up ... ..	Japan
SHINRIKI MARU No. 3 ... .. 1963	198	JPN	m. cargo	Broken up ... ..	Japan
SHINSEI MARU ... .. 1961	423	JPN	m. tanker	Broken up ... ..	Japan
SHINSEI MARU ... .. 1965	105	JPN	m. tanker	Broken up ... ..	Japan
SHINSEI MARU No. 7 ... .. 1965	175	JPN	m. cargo	Broken up ... ..	Japan
SHINSEI MARU No. 12 ... .. 1963	199	JPN	m. cargo	Broken up ... ..	Japan
SHINSHO MARU ... .. 1961	179	JPN	m. tanker	Broken up ... ..	Japan
SHINSHO MARU No. 12 ... .. 1965	480	JPN	m. tanker	Broken up ... ..	Japan
SHINSUMIYOSHI MARU No. 2 ... 1968	179	JPN	m. sand carrier	Broken up ... ..	Japan
SHINYO MARU ... .. 1959	344	JPN	m. cargo	Broken up ... ..	Japan
SHINYU MARU ... .. 1962	198	JPN	m. tanker	Broken up ... ..	Japan
SHINZO MARU No. 11 ... .. 1960	379	JPN	m. cargo	Broken up ... ..	Japan
SHOEI MARU... .. 1961	377	JPN	m. tanker	Broken up ... ..	Japan
SHOFUKU MARU ... .. 1960	439	JPN	m. cargo	Broken up ... ..	Japan
SHOHO MARU No. 6 ... .. 1963	155	JPN	m. cargo	Broken up ... ..	Japan
SHOJU MARU ... .. 1958	499	JPN	m. cargo	Broken up ... ..	Japan
SHORIN MARU No. 2 ... .. 1962	395	JPN	m. tanker	Broken up ... ..	Japan

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Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposition	Where disposed of
SHOSEI MARU ... .. 1963	193	JPN	m. tanker	Broken up ... ..	Japan
SHOSEI MARU No. 26 ... .. 1959	339	JPN	m. fishing	Broken up ... ..	Japan
SHOTOKU MARU No. 51 ... .. 1957	132	JPN	m. fishery training	Broken up ... ..	Japan
SHOUN MARU ... .. 1961	194	JPN	m. tanker	Broken up ... ..	Japan
SHOUN MARU No. 10 ... .. 1965	498	JPN	m. tanker	Broken up ... ..	Japan
SHOUN MARU No. 11 ... .. 1960	199	JPN	m. cargo	Broken up ... ..	Japan
SHOUN MARU No. 37 ... .. 1965	472	JPN	m. tanker	Broken up ... ..	Japan
SHUNKO MARU ... .. 1958	433	JPN	m. cargo	Broken up ... ..	Japan
SHUNZAN MARU ... .. 1960	498	JPN	m. cargo	Broken up ... ..	Japan
SOHO MARU No. 38 ... .. 1970	124	JPN	m. fishing	Broken up ... ..	Japan
ST. THOMAS ... .. 1959	23505	LIB	s. tanker	Broken up ... ..	United States of America
SUEHIRO MARU No. 11 ... .. 1961	325	JPN	m. tanker	Broken up ... ..	Japan
SUMIDA ... .. 1950	855	JPN	m. floating crane	Broken up ... ..	Japan
SUMIFUKU MARU ... .. 1960	198	JPN	m. cargo	Broken up ... ..	Japan
SUMIHO MARU No. 7 ... .. 1964	299	JPN	m. cargo	Broken up ... ..	Japan
SUMIYOSHI MARU No. 1 ... .. 1965	159	JPN	m. fishing	Broken up ... ..	Japan
SUMIYOSHI MARU No. 5 ... .. 1962	176	JPN	m. cargo	Broken up ... ..	Japan
SUMIYOSHI MARU No. 13 ... .. 1963	195	JPN	m. cargo	Broken up ... ..	Japan
SUZUKA MARU ... .. 1966	177	JPN	m. pusher tug	Broken up ... ..	Japan
SUZUKA MARU No. 3 ... .. 1961	255	JPN	m. tanker	Broken up ... ..	Japan
TAILEE ... .. 1944	13565	CHT	s. bulk carrier	Broken up ... ..	Taiwan, Province of
TAISEI MARU No. 1 ... .. 1961	192	JPN	m. tanker	Broken up ... ..	Japan
TAISHIN MARU No. 2 ... .. 1947	290	JPN	m. cargo	Broken up ... ..	Japan
TAISHIN MARU No. 6 ... .. 1960	198	JPN	m. cargo	Broken up ... ..	Japan
TAISHO MARU No. 16 ... .. 1967	123	JPN	m. cargo	Broken up ... ..	Japan
TAIYO MARU... .. 1962	485	JPN	m. tanker	Broken up ... ..	Japan
TAIYO MARU... .. 1965	481	JPN	m. tanker	Broken up ... ..	Japan
TAIYO MARU No. 3... .. 1959	194	JPN	m. cargo	Broken up ... ..	Japan
TAIYO MARU No. 18 ... .. 1960	177	JPN	m. cargo	Broken up ... ..	Japan
TAKA MARU No. 8 ... .. 1964	197	JPN	m. cargo	Broken up ... ..	Japan
TAKANESAN MARU No. 23 ... .. 1961	160	JPN	m. cargo	Broken up ... ..	Japan
TAKANESAN MARU No. 25 ... .. 1962	191	JPN	m. cargo	Broken up ... ..	Japan
TAKASHIGE MARU No. 5 ... .. 1960	150	JPN	m. cargo	Broken up ... ..	Japan
TAKASUGAWA MARU No. 1 ... .. 1957	299	JPN	m. cargo	Broken up ... ..	Japan
TAKESHIMA MARU No. 3... .. 1965	191	JPN	m. tanker	Broken up ... ..	Japan
TALAMANCA ... .. 1945	6729	NTL	s. cargo	Broken up ... ..	Taiwan, Province of
TAMAHIME MARU No. 5 ... .. 1966	258	JPN	m. tanker	Broken up ... ..	Japan
TAMANOURA MARU No. 2 ... .. 1960	453	JPN	m. cargo	Broken up ... ..	Japan
TATSUMI MARU No. 1 ... .. 1963	197	JPN	m. cargo	Broken up ... ..	Japan

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Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
TATSUSHIKA MARU No. 6 ... 1961	164	JPN	m. cargo	Broken up ... ..	Japan
TENGU MARU ... .. 1962	198	JPN	m. cargo	Broken up ... ..	Japan
TENRYU MARU No. 5 ... .. 1961	423	JPN	m. tanker	Broken up ... ..	Japan
TENYO MARU No. 21 ... .. 1963	192	JPN	m. trawler	Broken up ... ..	Japan
TENYU MARU ... .. 1948	102	JPN	m. tug	Broken up ... ..	Japan
TENYU MARU No. 2 ... .. 1963	199	JPN	m. sand carrier	Broken up ... ..	Japan
TETSUUN MARU No. 5 ... .. 1964	349	JPN	m. cargo	Broken up ... ..	Japan
TETSUWA MARU ... .. 1957	1488	JPN	m. cargo	Broken up ... ..	Japan
TIKHORETSK ... .. 1956	1063	USR	m. cargo	Broken up ... ..	U.S.S.R.
TOCHO MARU ... .. 1965	198	JPN	m. tanker	Broken up ... ..	Japan
TOHO MARU No. 8 ... .. 1965	237	JPN	m. cargo	Broken up ... ..	Japan
TOHO MARU No. 18 ... .. 1959	283	JPN	m. cargo	Broken up ... ..	Japan
TOJU MARU ... .. 1965	477	JPN	m. liquefied gas carrier	Broken up ... ..	Japan
TOKAI MARU No. 58 ... .. 1955	348	JPN	m. fishing	Broken up ... ..	Japan
TOKI MARU No. 8 ... .. 1970	119	JPN	m. fishing	Broken up ... ..	Japan
TOKIWA MARU No. 1 ... .. 1964	498	JPN	m. tanker	Broken up ... ..	Japan
TOKUEI MARU No. 2 ... .. 1961	351	JPN	m. tanker	Broken up ... ..	Japan
TOKUSHIN MARU No. 3 ... .. 1964	199	JPN	m. cargo	Broken up ... ..	Japan
TOO MARU No. 8 ... .. 1961	406	JPN	m. cargo	Broken up ... ..	Japan
TOSUI MARU... .. 1959	419	JPN	m. cargo	Broken up ... ..	Japan
TOURIST 1 ... .. 1898	115	NOR	m. ferry	Broken up ... ..	Norway
TOYO MARU ... .. 1958	199	JPN	m. cargo	Broken up ... ..	Japan
TOYO MARU No. 3 ... .. 1964	291	JPN	m. tanker	Broken up ... ..	Japan
TOYO MARU No. 3 ... .. 1961	189	JPN	m. tanker	Broken up ... ..	Japan
TOYO MARU No. 5 ... .. 1963	403	JPN	m. cargo	Broken up ... ..	Japan
TOYO MARU No. 7 ... .. 1959	184	JPN	m. cargo	Broken up ... ..	Japan
TOYO MARU No. 17 ... .. 1961	499	JPN	m. cargo	Broken up ... ..	Japan
TOYOKAWA MARU... .. 1958	483	JPN	m. cargo	Broken up ... ..	Japan
TOYU MARU ... .. 1953	145	JPN	m. cargo	Broken up ... ..	Japan
TSUKIBOSHI MARU No. 15 ... 1959	198	JPN	m. cargo	Broken up ... ..	Japan
TSUNETOYO MARU ... .. 1958	420	JPN	m. cargo	Broken up ... ..	Japan
TSUNETOYO MARU No. 3 ... 1959	421	JPN	m. cargo	Broken up ... ..	Japan
TSURUHAMA MARU No. 18 ... 1961	307	JPN	m. tanker	Broken up ... ..	Japan
TSUSEI MARU No. 3 ... .. 1958	418	JPN	m. cargo	Broken up ... ..	Japan
TUNG LEE ... .. 1943	13538	CHT	s. bulk carrier	Broken up ... ..	Taiwan, Province of
TUXPAM ... .. 1944	1747	MEX	s. hopper dredger	Broken up ... ..	Mexico
UME MARU ... .. 1964	198	JPN	m. cargo	Broken up ... ..	Japan
UNEI MARU ... .. 1962	466	JPN	m. cargo	Broken up ... ..	Japan
UNION FREEDOM ... .. 1948	9833	CHT	s. cargo	Broken up ... ..	Taiwan, Province of

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Condemned, Broken up, etc.—*continued*

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
UNITED SUCCESS ... .. 1953	7641	CYP	m. cargo	Broken up ... ..	Korea (South)
UNYU MARU No. 5 ... .. 1970	198	JPN	m. cargo	Broken up ... ..	Japan
UTOKU MARU No. 1 ... .. 1961	195	JPN	m. tanker	Broken up ... ..	Japan
VINCIT ... .. 1915	137	GBI	m. barge	Broken up ... ..	United Kingdom
WAKABA MARU ... .. 1961	198	JPN	m. tanker	Broken up ... ..	Japan
WAKAEBISU MARU No. 5 ... .. 1959	101	JPN	m. cargo	Broken up ... ..	Japan
WAKAEI MARU No. 7 ... .. 1967	199	JPN	m. sand carrier	Broken up ... ..	Japan
WAKAEI MARU No. 13 ... .. 1961	128	JPN	m. sand carrier	Broken up ... ..	Japan
WAKAKUSA ... .. 1947	1103	JPN	m. cargo	Broken up ... ..	Japan
WAKO MARU No. 5 ... .. 1961	249	JPN	m. tanker	Broken up ... ..	Japan
WAYO MARU No. 11 ... .. 1961	177	JPN	m. tanker	Broken up ... ..	Japan
YAHATA MARU No. 8 ... .. 1962	457	JPN	m. cargo	Broken up ... ..	Japan
YAHIKO MARU ... .. 1968	156	JPN	m. tug	Broken up ... ..	Japan
YAMA MARU No. 6 ... .. 1960	138	JPN	m. fishing	Broken up ... ..	Japan
YAMAKYO MARU No. 1 ... .. 1965	320	JPN	m. cargo	Broken up ... ..	Japan
YASHIMA MARU ... .. 1962	136	JPN	m. cargo	Broken up ... ..	Japan
YMER ... .. 1933	2805	SWD	m. icebreaker	Broken up ... ..	Sweden
YOSHINO ... .. 1951	233	JPN	m. patrol	Broken up ... ..	Japan
YOSHINO MARU ... .. 1963	185	JPN	m. cargo	Broken up ... ..	Japan
YOSHUZAN MARU ... .. 1960	436	JPN	m. cargo	Broken up ... ..	Japan
YUHO MARU ... .. 1962	199	JPN	m. tanker	Broken up ... ..	Japan
YUHO MARU No. 5 ... .. 1961	122	JPN	m. tanker	Broken up ... ..	Japan
YUKI MARU No. 2 ... .. 1963	432	JPN	m. cargo	Broken up ... ..	Japan
YUSHIN MARU No. 2 ... .. 1959	454	JPN	m. cargo	Broken up ... ..	Japan
YUSHO MARU No. 5 ... .. 1962	481	JPN	m. cargo	Broken up ... ..	Japan
YUWA MARU ... .. 1960	377	JPN	m. cargo	Broken up ... ..	Japan

## SHIPS CONVERTED FOR NON-SEAGOING SERVICE

Ship's Name and Year of Build	Tons Gross	Flag	Type	Disposal	Where disposed of
B. KADIC ... .. 1948	142	YUG	w.m. cargo	Converted for use as a floating restaurant.	Yugoslavia
DEO JUVENTE ... .. 1937	149	BLG	m. fishing	Converted for use as a non-propelled storage facility.	Belgium
GEORGE E. SEEDHOUSE ... .. 1910	7899	USA	s. bulk carrier	Reported converted for use as a floating warehouse.	United States of America
INFANTE DOM HENRIQUE ... .. 1961	23306	PTG	s. passenger & cargo	Converted for use as an accommodation ship.	Portugal
MANUEL ... .. 1944	569	PHI	m. ferry	Converted for use as a non-propelled barge.	Philippines

ADDITIONAL INFORMATION

- AKEBONO MARU, 444 tons gross motor ferry, built 1958, JPN flag. Reported broken up in Japan in 1976.
- CAPTAIN JACK, 139 tons gross motor tug, built 1943, USA flag. Reported broken up in the United States of America in 1974.
- CHOUN MARU No. 18, 299 tons gross motor cargo ship, built 1964, JPN flag. Reported broken up in Japan in 1976.
- COATZACOALCOS, 1748 tons gross steam hopper dredger, built 1937, MEX flag. Reported scuttled off Mexico in 1971.
- ESSO BREMEN, 31065 tons gross steam tanker, built 1959, GFR flag. Reported broken up in the Province of Taiwan in 1976.
- GRETA, 13569 tons gross steam bulk carrier, built 1943, CHT flag. Reported broken up in the Province of Taiwan in 1975.
- KUROSHIO MARU No. 76, 303 tons gross motor fishing vessel, built 1963, JPN flag. Reported scuttled off Ghana in 1976.
- OCKLAWAHA, 10472 tons gross motor tanker, built 1944, USA flag. Reported broken up in the United States of America in 1976.
- OM, 1194 tons gross motor cargo ship, built 1951, USSR flag. Reported broken up in the U.S.S.R. in 1973.
- PEMEX I, 468 tons gross steam tug, built 1910, MEX flag. Reported broken up in Mexico in 1966.
- PEMEX II, 399 tons gross steam tug, built 1914, MEX flag. Reported broken up in Mexico in 1970.
- PEMEX III, 293 tons gross steam tug, built 1909, MEX flag. Reported broken up in Mexico in 1969.
- PEMEX VII, 294 tons gross steam tug, built 1908, MEX flag. Reported broken up in Mexico in 1969.
- PEMEX XI, 238 tons gross steam tug, built 1946, MEX flag. Reported converted for use as a barge in Mexico prior to 1977.
- PEMEX XV, 753 tons gross steam salvage ship, built 1909, MEX flag. Reported broken up in Mexico in 1968.
- SALAMANCA, 2949 tons gross motor tanker, built 1948, MEX flag. Reported broken up in Mexico in 1972.
- SHINWA MARU, 694 tons gross motor cargo ship, built 1963, JPN flag. Reported broken up in Japan in 1976.
- SVOBODNYI, 533 tons gross steam tug, built 1953, USSR flag. Reported converted for use as a repair yard heating facility in the U.S.S.R. in 1976.
- VELOX, 142 tons gross steam tug, built 1942, ITL flag. Reported broken up in Italy in 1976.



## INDEX TO SHIPS LISTED IN CASUALTY RETURNS FOR 1977

	Page		Page		Page		Page
<b>A</b>							
Aberdeen Fisher	35	Ariake Maru No. 2	87	Boston Sea Ranger	48	Chulym	11
Abha	87	Aries	51	Brabo	54	Chyau Feng No. 12	51
Abukuma	41	Aris	79	Braga	6	Ciudad de Alicante	55
Achillet (T)	22	Aristea (T)	13	Brick Quinto	24	Ciudad de Salamanca	11
Activity	57	Arizpa	38	Brio	84	Claude Conway (T)	6
Adelaide	7	Armavir	41	Brucella	10	Clear Lake	55
Admiral Zmajevic	27	Armor	24	Buena Ventura 11	10	Climax Opal	22
Adriana Augusta (T)	38	Arosa (T)	54	Bukit Barisan	33	Coastal Empress	22
Adriana Fassio (T)	54	Arturo Duo	20	Bukom Island	20	Coatzacoalcos	100
Adronie Kamiel	20 & 83	Arya Gol	24	Bulk Leader	38	Cobar	8
Adventure	76	Asahi Maru	87	Bunga Dahlia	24	Colin Frye	5
Adventurer 1	54	Asahi Maru No. 2	7	Burmah Cameo (T)	87	Colonia	49
Africa Shell (T)	36	Asahi Maru No. 8	87	Burmah Jet (T)	38	Comanche	53
Agelos Raphael	10	(965 tons)	87	Burmah Zircon (T)	38	Comet (T)	41 & 57
Agia Barbara (T)	51	Asahi Maru No. 8	87	Burra Bru	57	Concigliano (T)	11
Agia Eleni	4	(664 tons)	87	Bustard 1	54	Conqueror	51
Agios Nicolaos	38	Asahi Maru No. 11	87			Coral	84
Agni	20	Asahi Maru No. 24	87			Coral 1 (T)	55
Ahaliq	87	Asiatica	22	<b>C</b>		Corona Delta (T)	39
Aiei Maru No. 5	22	Aso Maru No. 1	87	C.S. Ariel	10	Corona Energy (T)	84
Ain Leuh	81	Astral (T)	24	Cabanillas	13	Coruh	39
Air Swift	87	Astrasalta	24	Cabieces	14	Cosmo	41
Aizan Maru	87	Astyanax	36	Cabo de Hornos (T)	11	Courage	81
Akatsuki Maru (342 tons)	87	Atago Maru No. 2 (T)	87	Cabot Strait	84	Coverdale H	87
Akatsuki Maru (199 tons)	87	Atalanta	20	Calá Gat	84	Craig-Gowan	22
Akebono Maru	100	Athena (10916 tons)	38	Calabres	6	Craigallian	14
Al Jubail III	48	Athena (2373 tons)	79	Caltec Trader (T)	24	Cretan Beach (T)	11
Al Shams (T)	24	Athenoula (T)	54	Canning	57	Cretan Flower (T)	25
Al-Hilal (T)	38	Atlantic Splendour	38	Canopus	14	Cristina d'Amico (T)	57
Alava	10	Atlantico	38	Cap Martin	81	Cristina Suardiaz	81
Alchevsk	10	Atlas	50	Cape Archway	57	Crown Pearl	5
Aletta (T)	41	Attican Unity	79	Cape Martin	57	Crystal Kobus (T)	55
Alexandros II	13	Automedon	54	Cape Royal	33	Cumberland	11
Alexandros T.11	38	Avin	8	Capo Andrea (T)	55	Cumulus	51
Alexis I	54	Awaji Maru	87	Capo Maria (T)	38	Cupids	76
Alfonso	54	Ayala	10	Capopino (T)	24		
Alfonso de Churruca	24	Azuma Maru No. 3	87	Caprella (T)	24	<b>D</b>	
Algerina Neri	24	Azuma Maru No. 8 (T)	10	Captain Jack	100	Da Meo Patacca	84
Aliakmon	54			Captain Pavlou	11	Daiei Maru No. 5	87
Allison Conway (T)	10	<b>B</b>		Captain Theo	25	Daiei Maru No. 7	87
Almirante	24	B.F. Shaw	87	Captain Victor (T)	41	Daifuku Maru No. 2 (T)	11
Almirante F. Moreno (T)	54	B. Kadic	99	Cardak	41	Daifuku Maru No. 3	87
Alnair (T)	54	Bacchis	35	Caribbean Sea (T)	21	Daifuku Maru No. 5	87
Aloya	13	Baham	57	Carlos Manuel de	11	Daikai Maru	87
Alvega (T)	10	Baltic Eagle	48	Cespedes	38	Daiko Maru No. 8 (T)	88
Amasia	84	Baltiets	13	Carmen	51	Daikoku Maru No. 8	88
Amboise (T)	54	Bankstone	10	Cartago	25	Dainichi Maru (T)	88
Amenity	24	Bantry Bay	4	Cathay No. 8	81	Dairyu Maru	88
Amiral	35	Barbara Massey (T)	24	Cayman Trader	33	Daito Maru No. 1	80
Amoruso Quinto	36	Barbro	41	Ceang	35	Daitoku Maru	81
Amvrakikos	84	Bariloche (T)	87	Cebu Transport	13	Daitoku Maru No. 7	88
Anastasia P	84	Barrow Deep	38	Cerrahzade	27	Daiyu Maru	88
Ancient Giant (T)	54	Basilan	57	Challenge (T)	87	Daiyu Maru No. 8	34
Ancre d'Esperance	54	Batissa (T)	84	Chaparral	41	Dao	8
Andre	54	Batman (T)	87	Char Hwa	38	Dapo Sea	79
Andre Monique	8	Bay Transport (T)	87	Char Ming	11	Dar 155	36
Angel	4	Bayou St. John	38	Charitas (T)	55	Dauntless	
Angela Venizelos (T)	38	BD-3000	48	Charles	53	Colocotronis (T)	81
Angelina Mancino	13	Beatrice	36	Charles J. Colonna	14	Day Island	49
Angelique (T)	54	Beauregard	24	Chaton	51	Delaware	88
Anna (T)	54	Belle Teresa	22	Chester A. Poling (T)	4	Deo Juvente	99
Annemarie Palm 2	4	Ben Loyal	38	Chevron Odense (T)	25	Desert Song (T)	39
Antigone E (T)	10	Ben Screel	38	Chevron Venice (T)	39	Destiny (T)	41
Antipolis (T)	35	Benattow	54	Chienti	41	Dire Dawa	76
Antonietta Fassio (T)	38	Bendoran	54	Chin Peng No. 1	49	Dirk Senior	14
Antonio de Satrustegui	10	Benjamin H. Grierson	87	Chiryu Maru	87	Discoverer	88
Antonis	10	Benlomonnd	54	Chitose Maru No. 2	87	Discovery 1	14
Aoi Maru No. 3 (T)	87	Benten Maru No. 35	8	Chiyo Maru No. 11	87	Discovery 11	14
Aoi Maru No. 5	87	Bering Sea (T)	38	Choei Maru No. 11	87	Disko	6
Aoki Maru No. 21	48	Betty Conway (T)	38	Choko Maru	87	Djatirotto	11
Apollo VIII	10	Bever	10	Choko Maru No. 1 (T)	87	Dmitriy Pozharskiy	39
Apollonian Victory (T)	24	Big Star	57	Chokyu Maru No. 8	76	Dneprostroy	14
Apollonian Wave (T)	36	Bijou	76	Chosei Maru No. 28	87	Dobroudja	41
Aranui	35	Blue Belt	51	Chotoku Maru No. 2	87	Dom Joad (T)	55
Arctic Fox	84	Blue Meridian	6	Choun Maru	87	Domino	51
Arctic Hunter	81	Bocna	50	Choun Maru No. 18	100	Don Rene	7
Arctic Sea (T)	54	Bonita	41	Christina	6	Dona Paz	5
Arctic Viking	87	Borag (T)	81	Christos	55	Donetsk	88
Arda (T)	54	Bore	84	Chrissyopigi Cross	51	Dong Hwa No. 302	81









